

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**

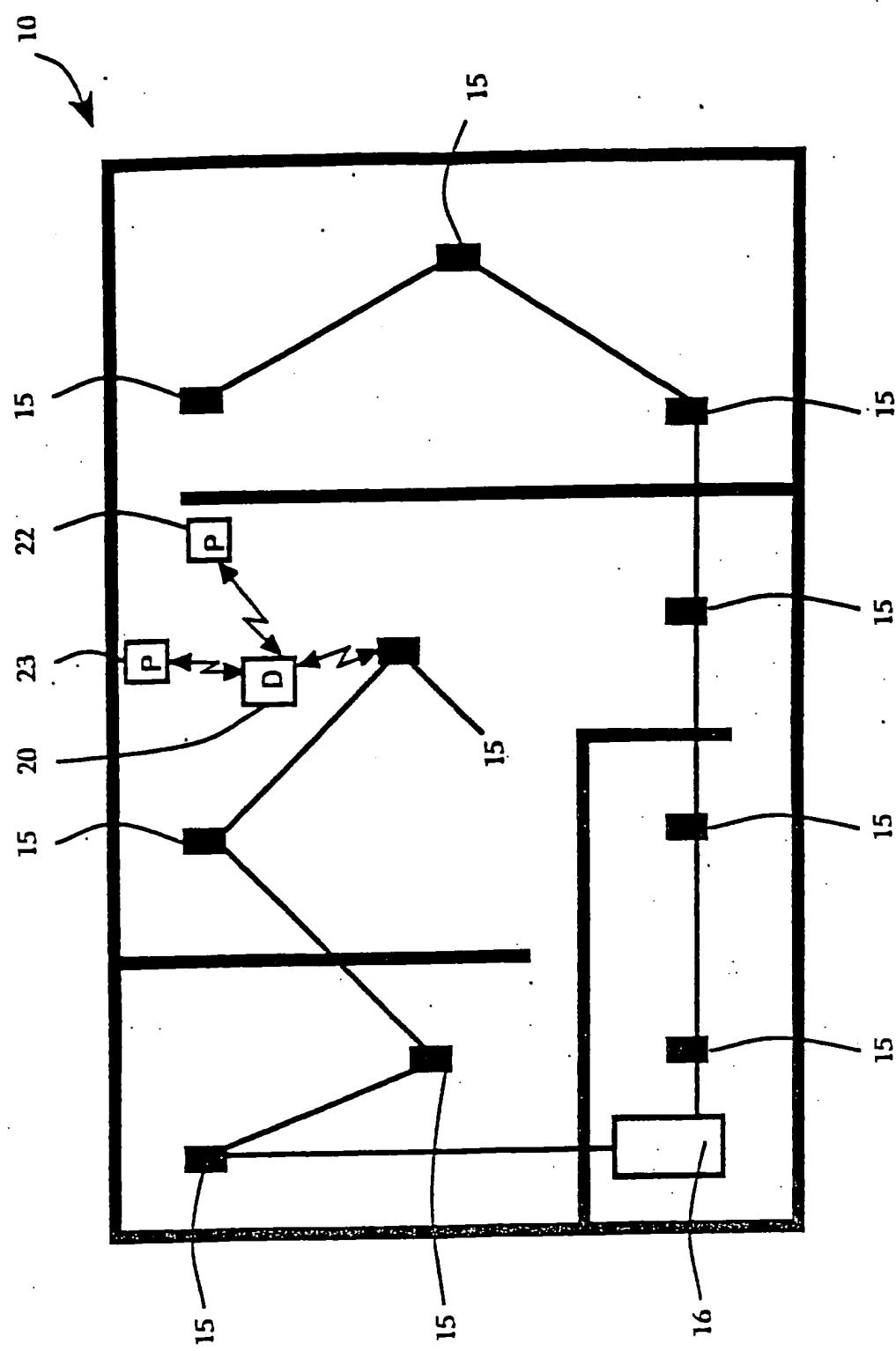


Figure 1a

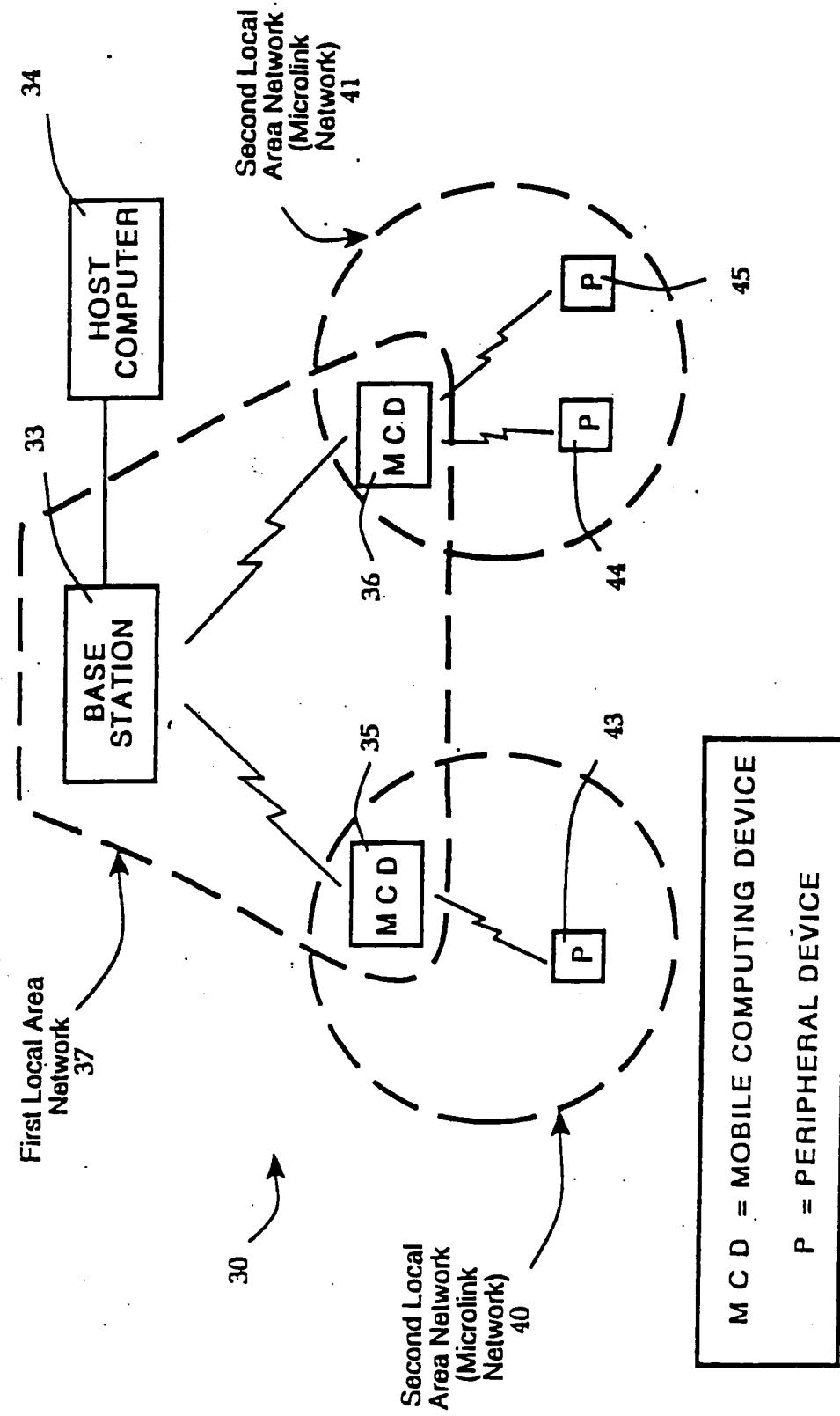


Figure 1b

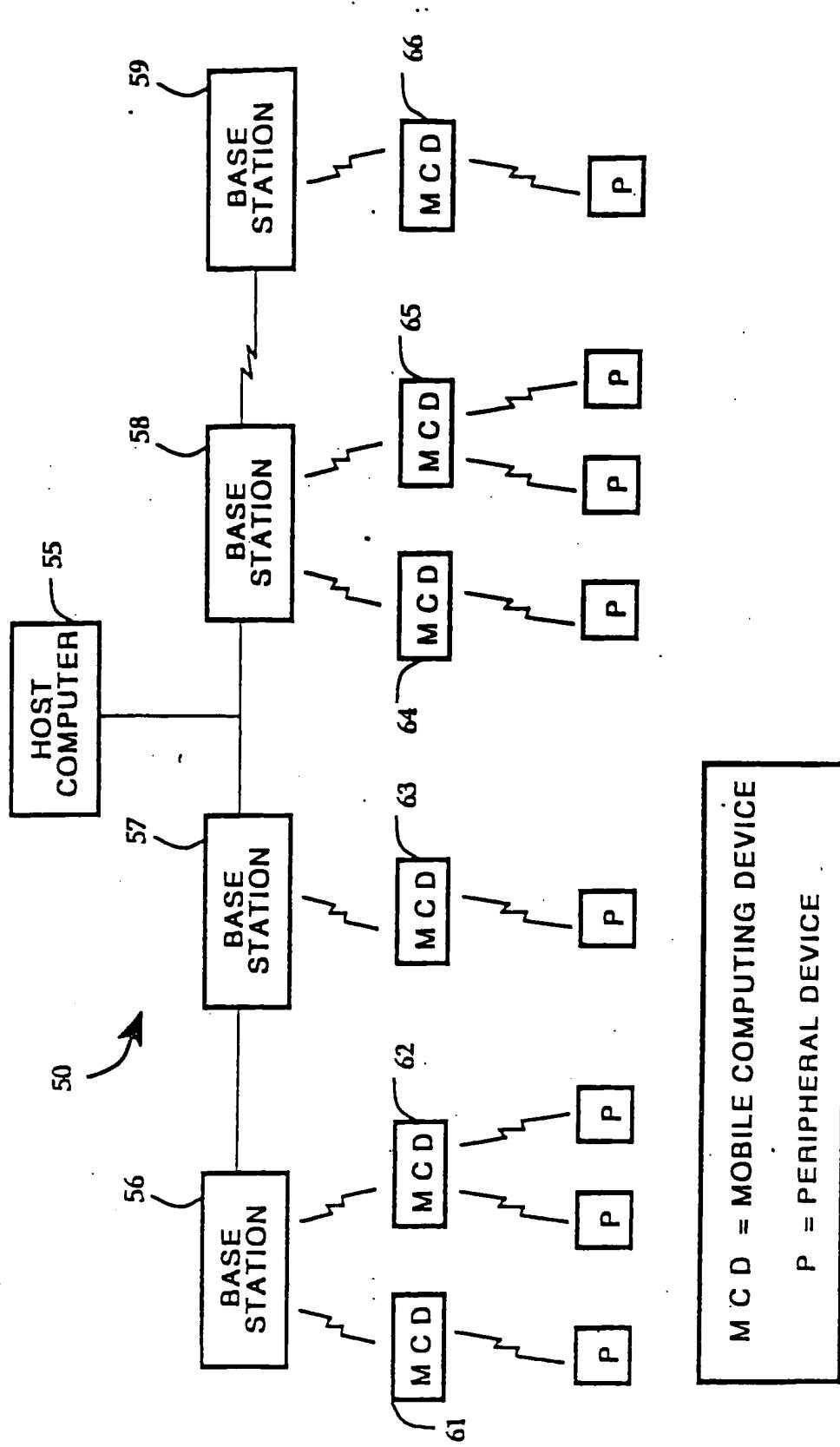


Figure 1c

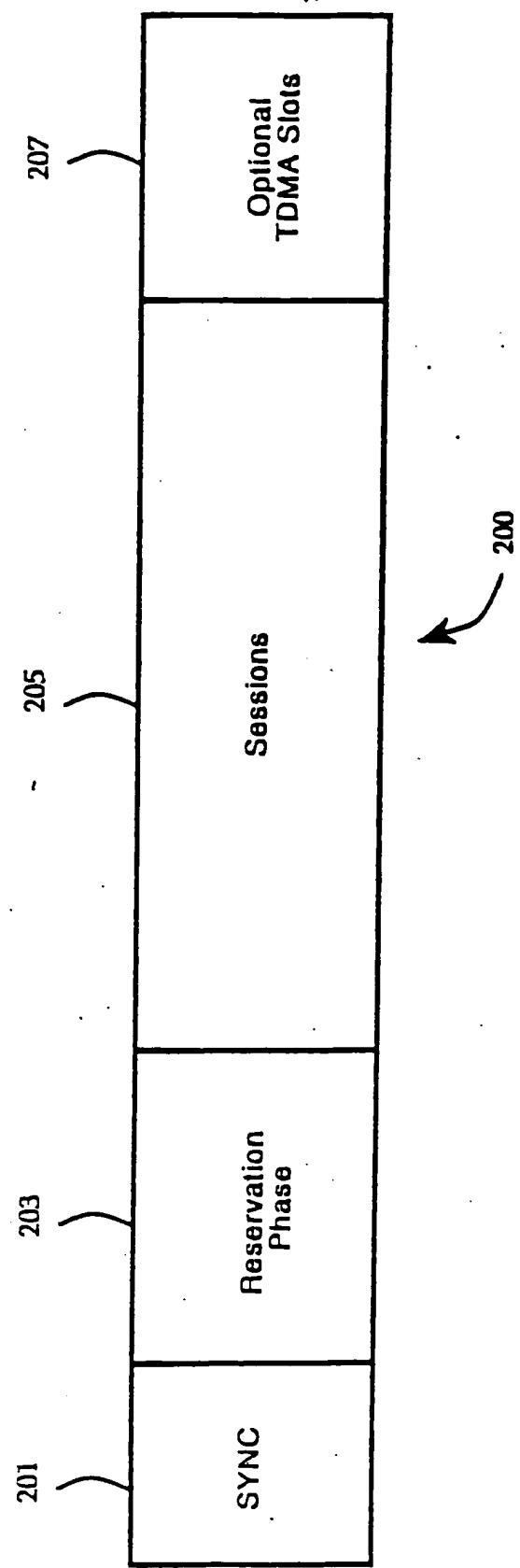


Figure 2

10 ms	10 ms					
Freq. 1 2466 MHz	Freq. 2 2411 MHz	Freq. 3 2417 MHz	Freq. 4 2472 MHz	Freq. 5 2444 MHz	Freq. 79 2403 MHz	Freq. 1 2466 MHz
301	301	301	301	301	301	301

Figure 3a

20 ms	20 ms					
Freq. 1 2466 MHz	Freq. 2 2411 MHz	Freq. 3 2417 MHz	Freq. 4 2472 MHz	Freq. 5 2444 MHz	Freq. 79 2403 MHz	Freq. 1 2466 MHz
301	303	303	303	303	303	303

Figure 3b

Freq 1: 2466 MHz		Freq 2: 2411 MHz		Freq 3: 2417 MHz		Freq 5: 2444 MHz	
AI. 1 20 ms	AI. 2 20 ms						

Figure 4a

401



Freq 1: 2466 MHz		Freq 2: 2411 MHz		Freq 3: 2417 MHz		Freq 5: 2444 MHz	
AI. 1 20 ms	AI. 2 20 ms	AI. 3 20 ms	AI. 4 20 ms	AI. 1 20 ms	AI. 2 20 ms	AI. 3 20 ms	AI. 4 20 ms

Figure 4b

401



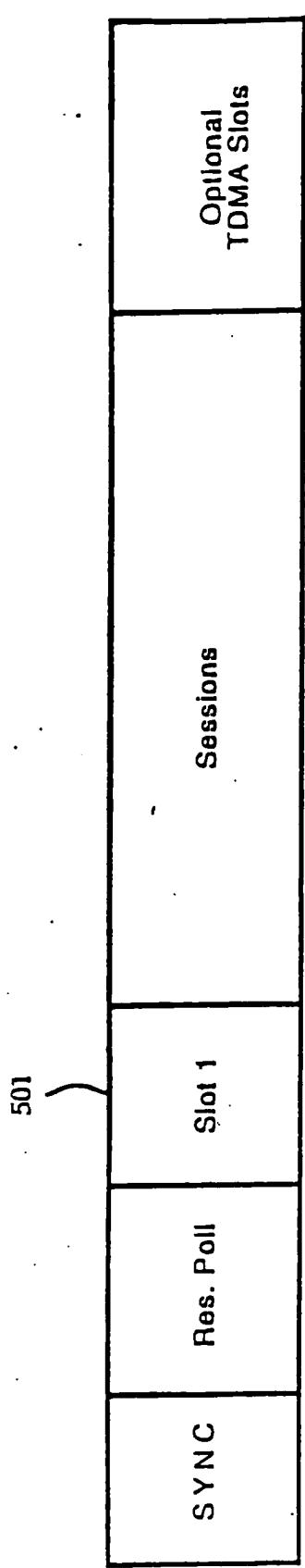


Figure 5a

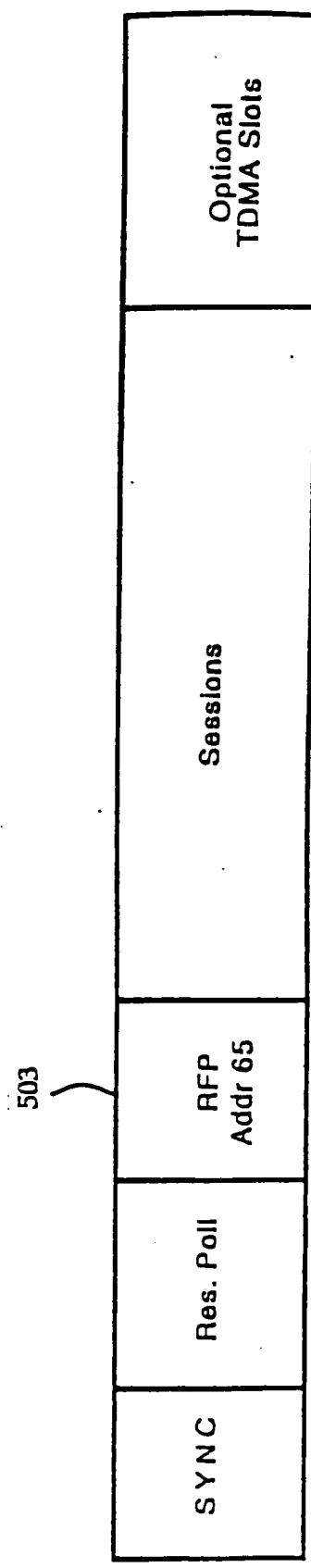


Figure 5b

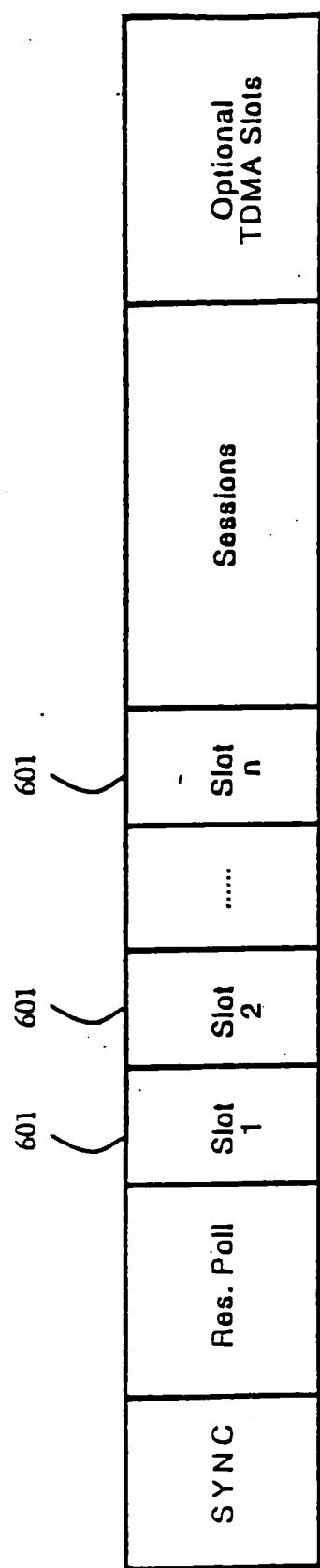


Figure 6a

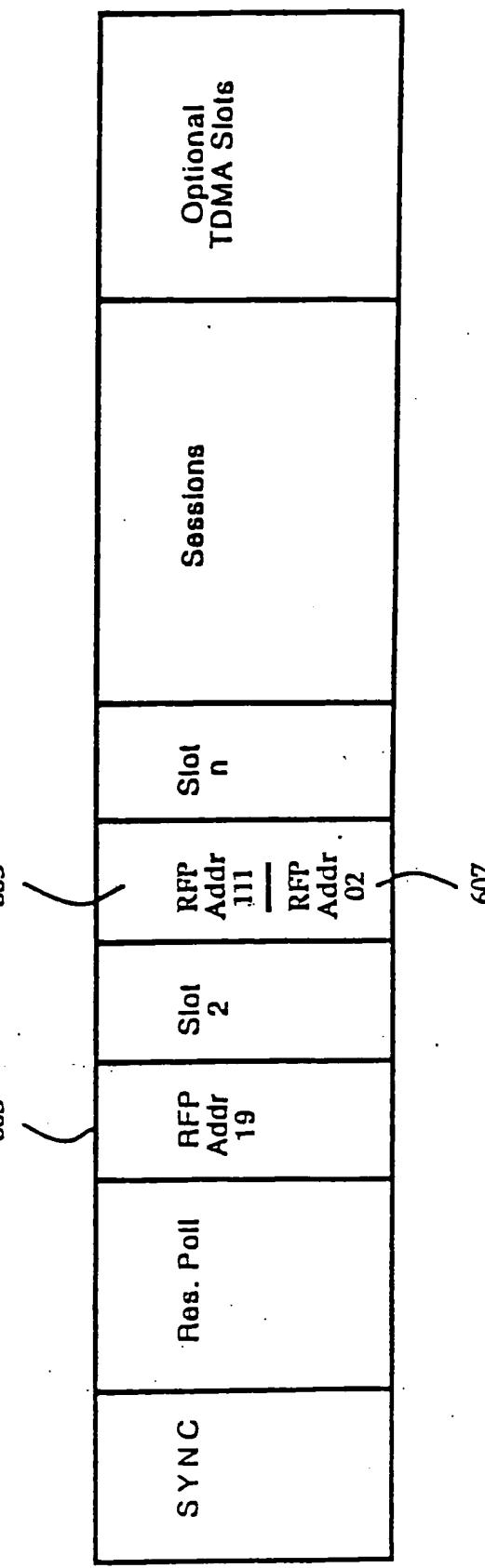


Figure 6b

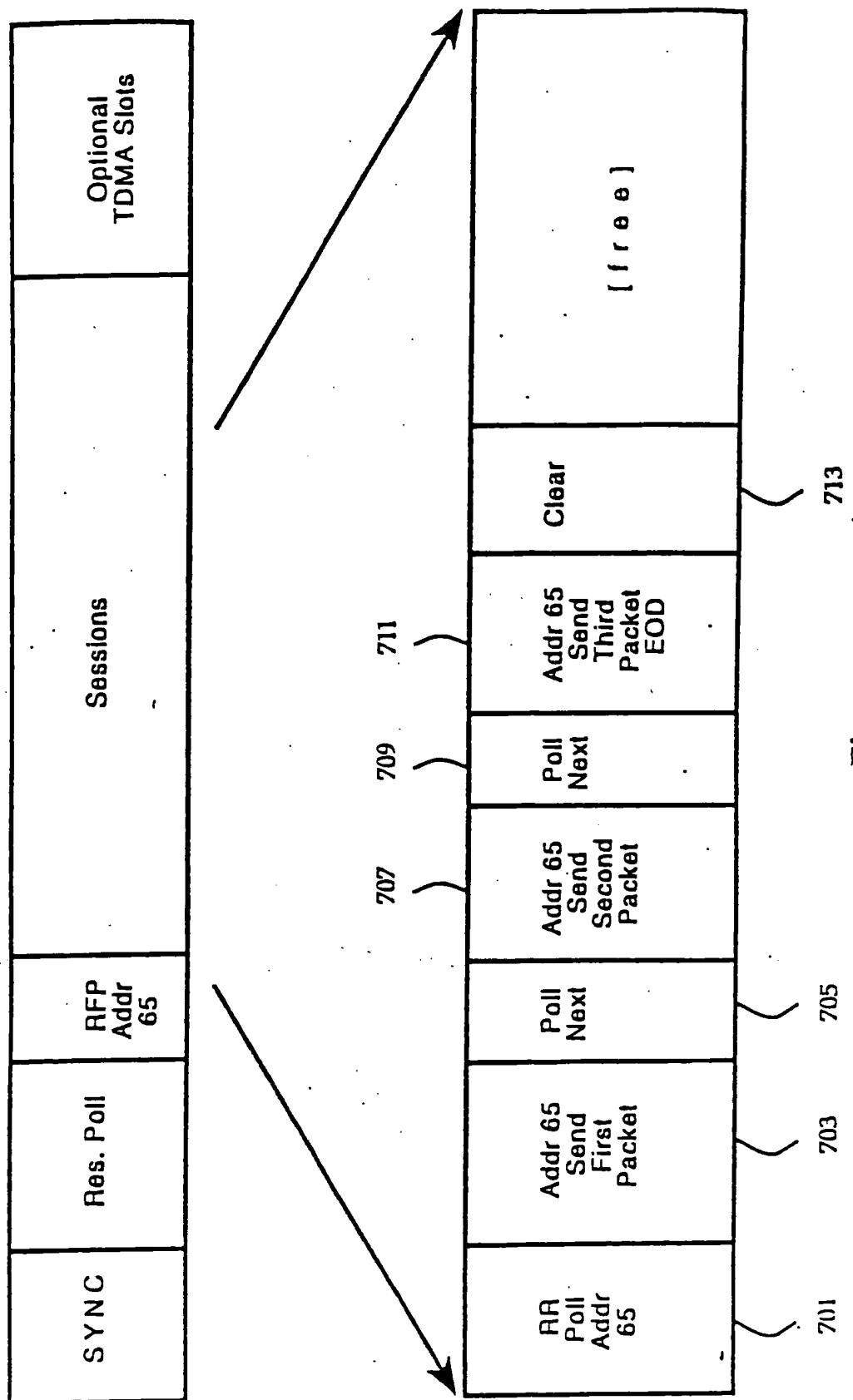


Figure 7a

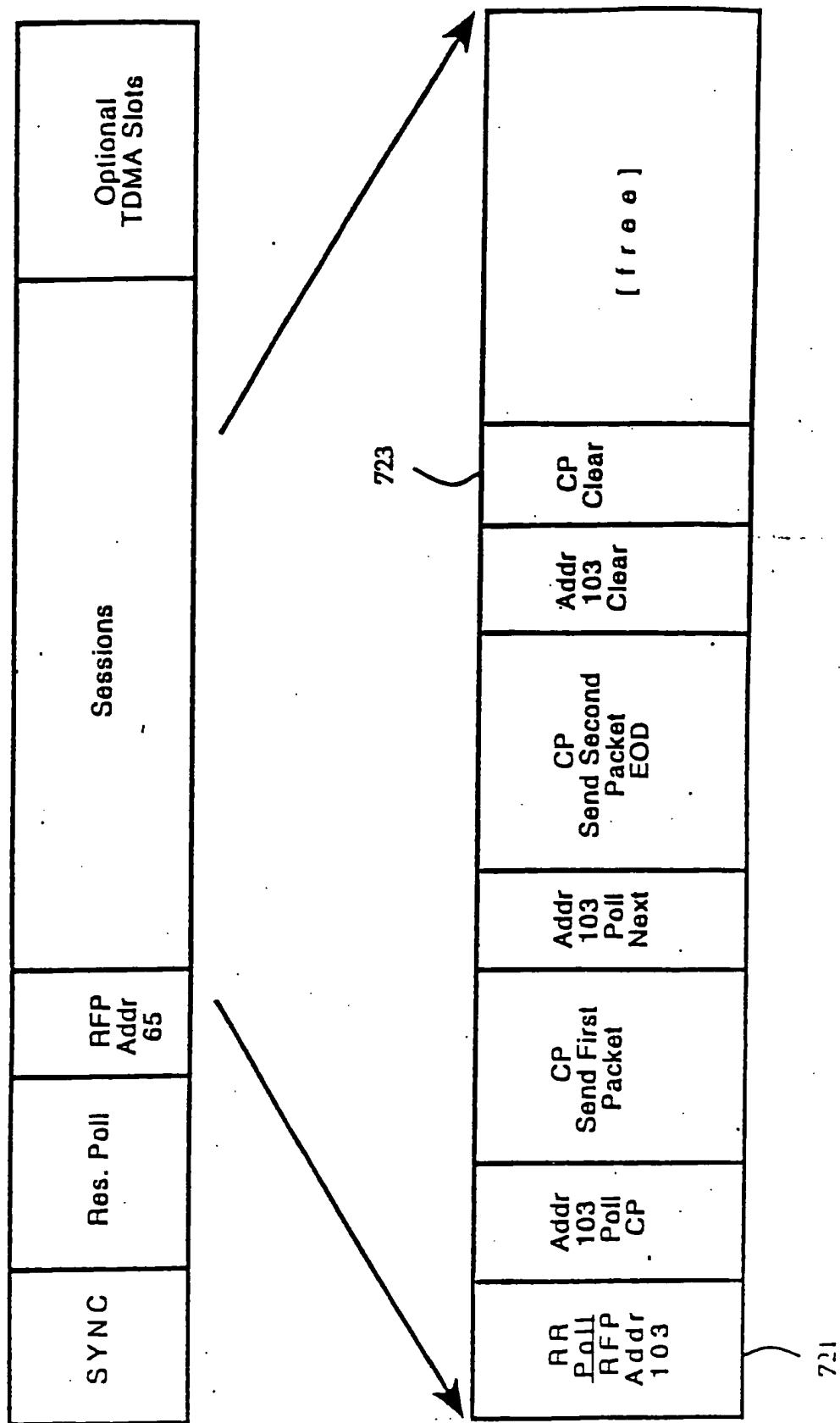


Figure 7b

721

**Figure 8**

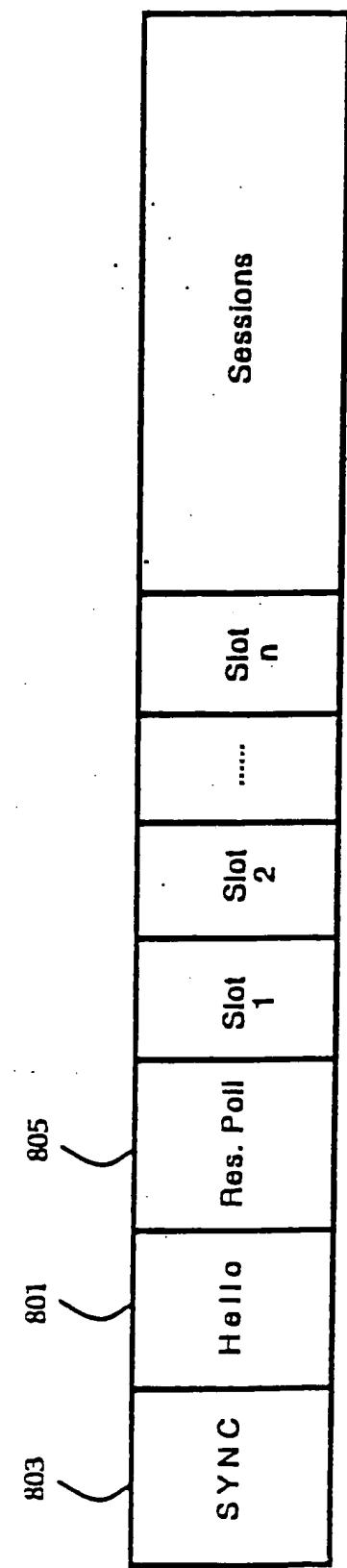


Figure 9b

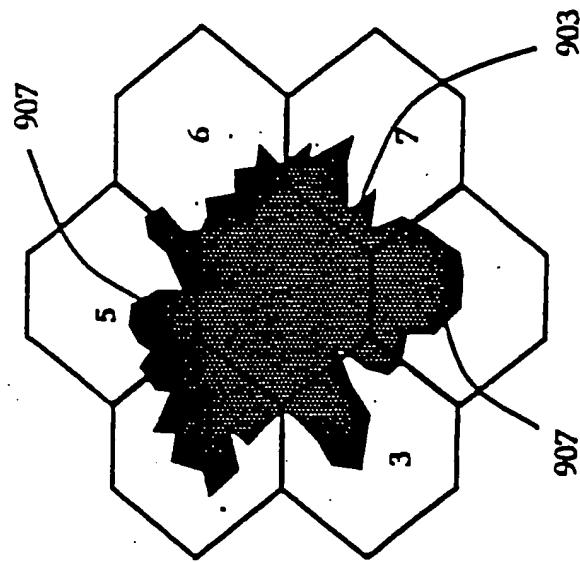
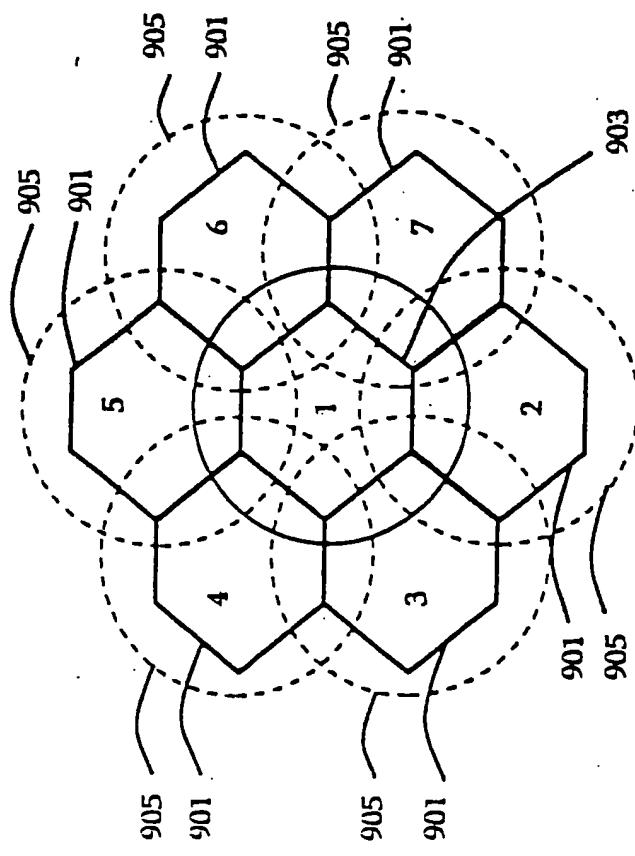


Figure 9a



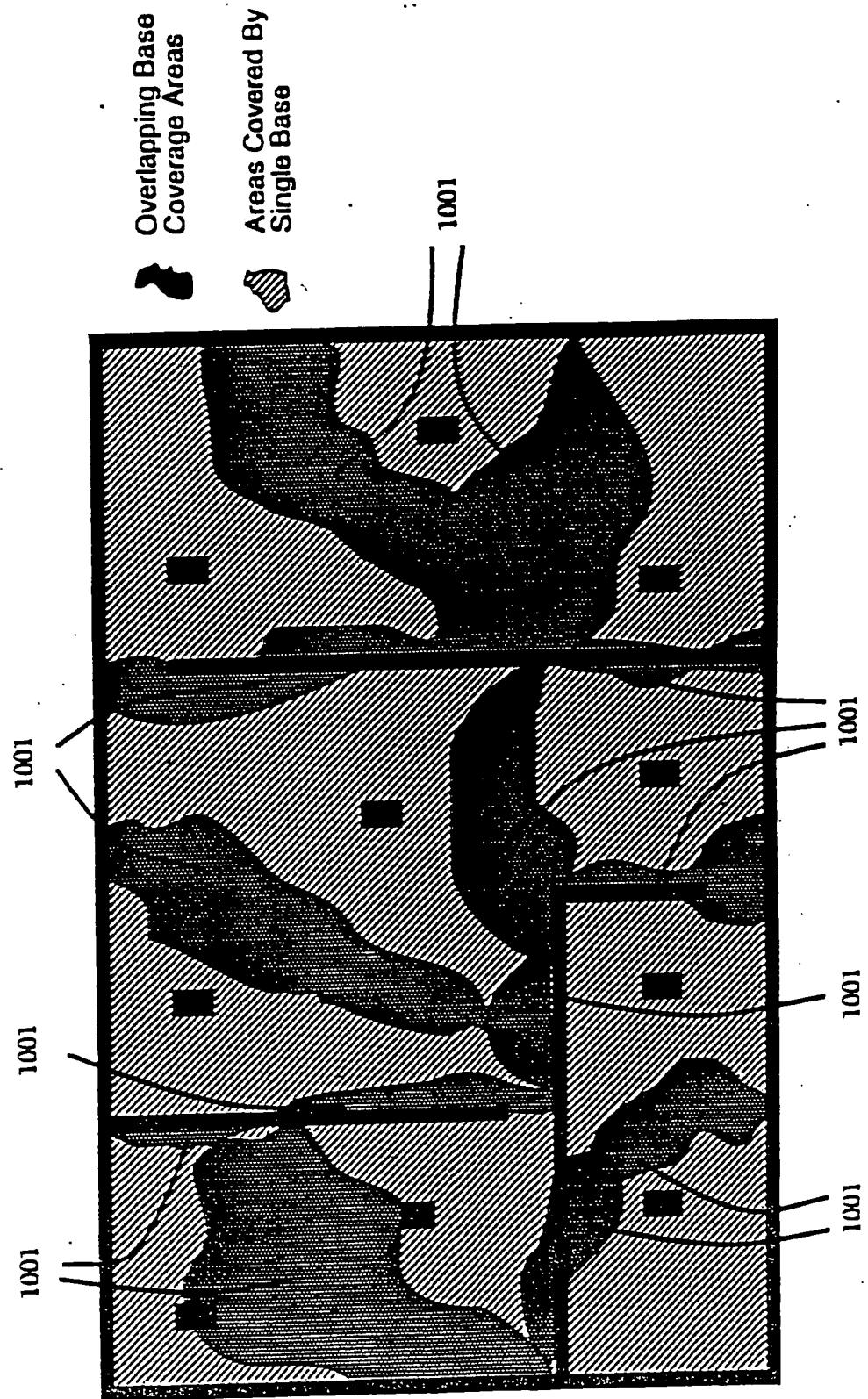
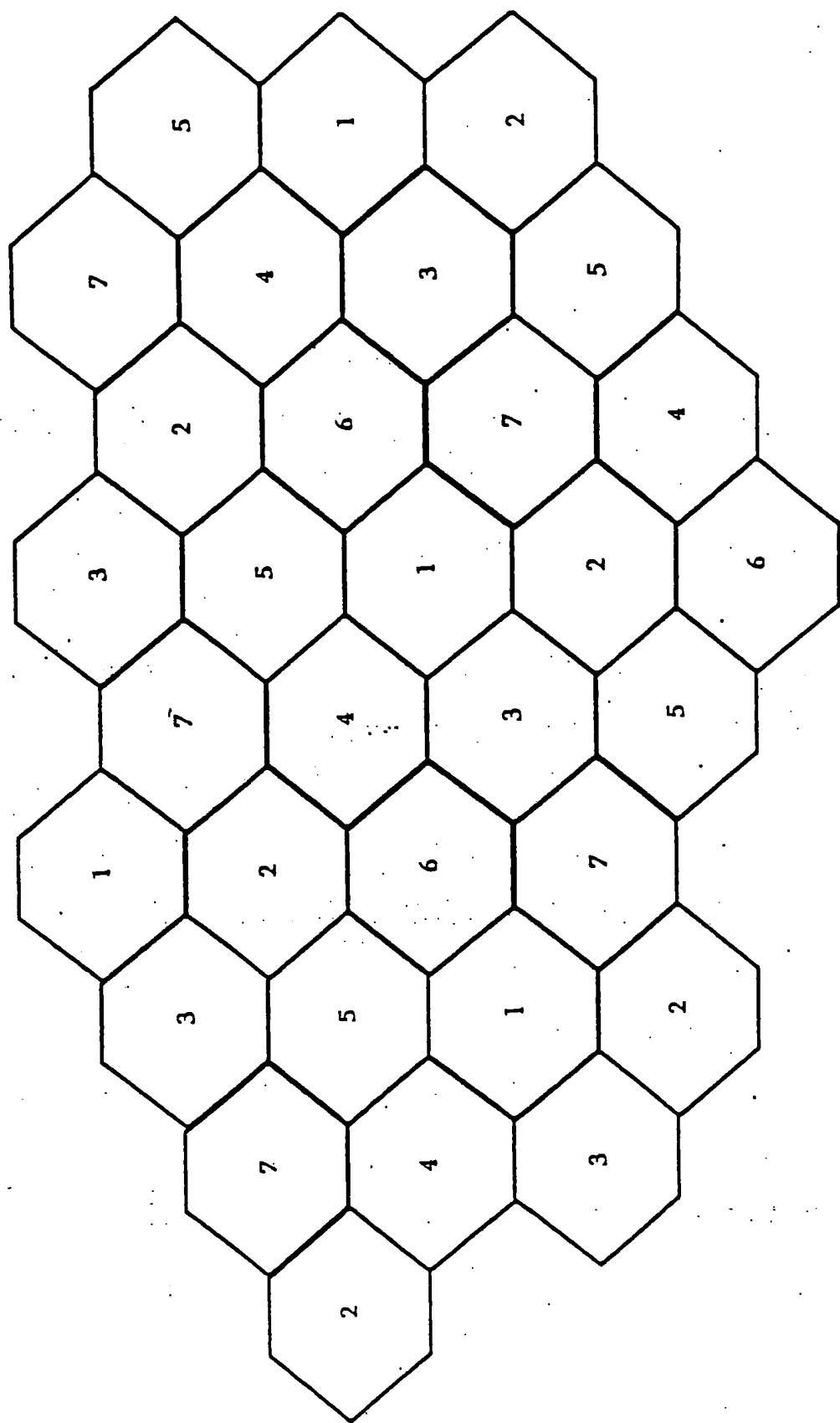


Figure 10

Figure 11



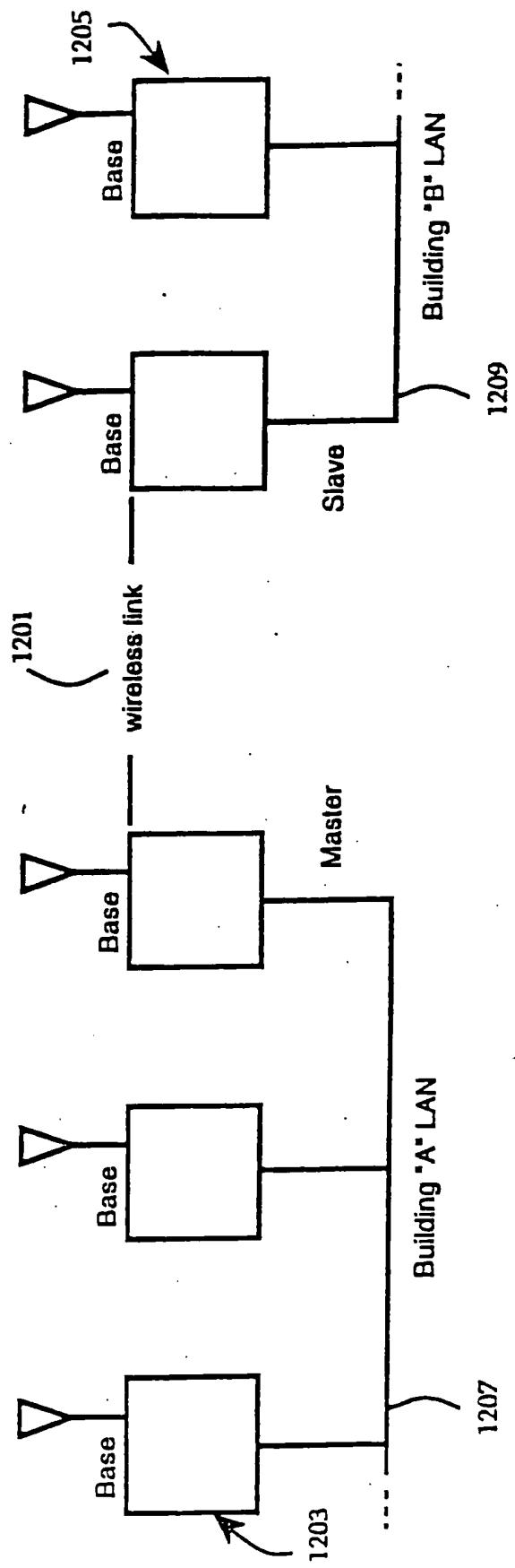
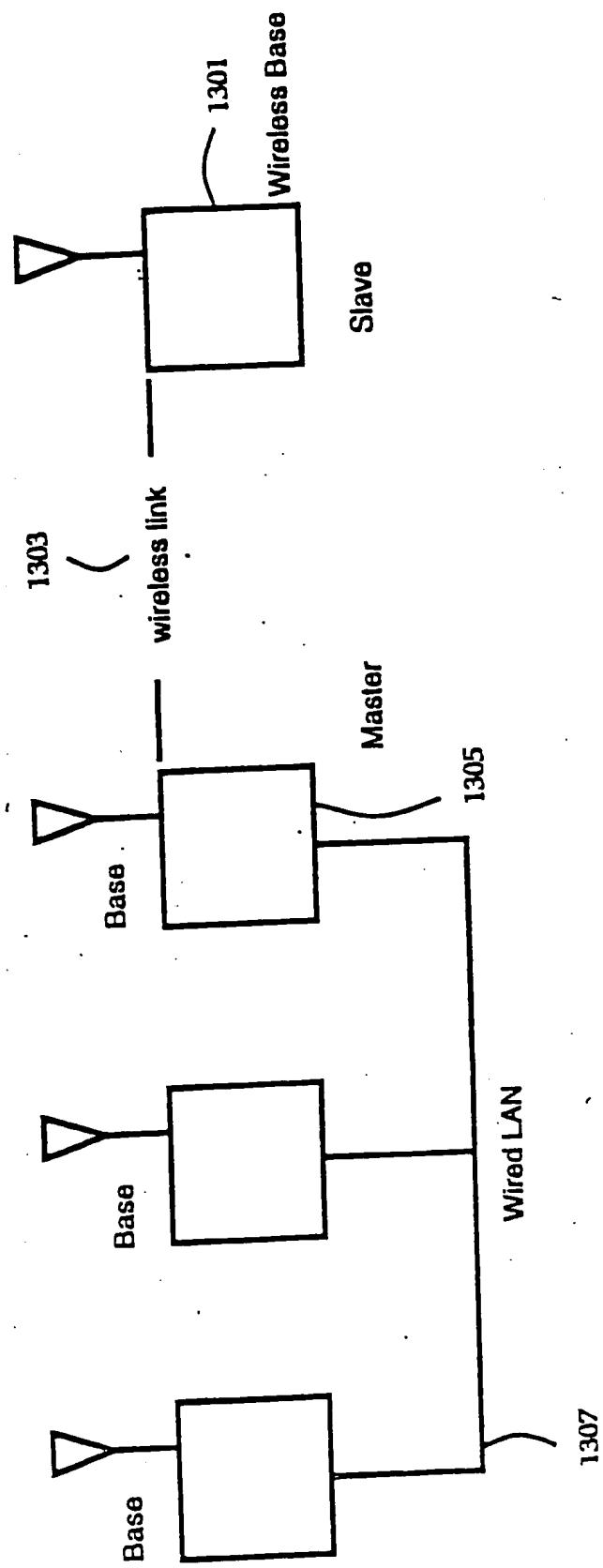
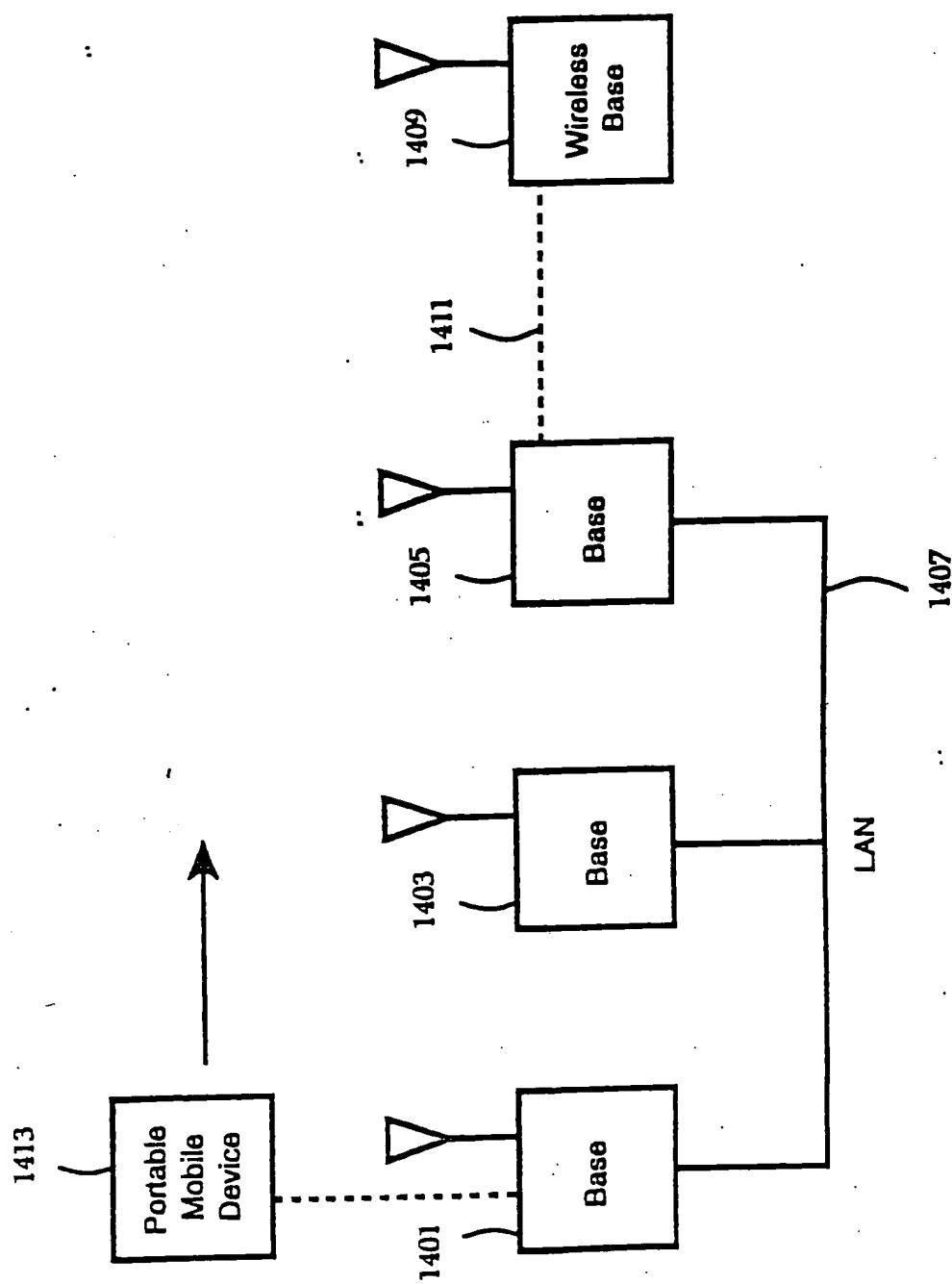


Figure 12

Figure 13





**Figure 14**

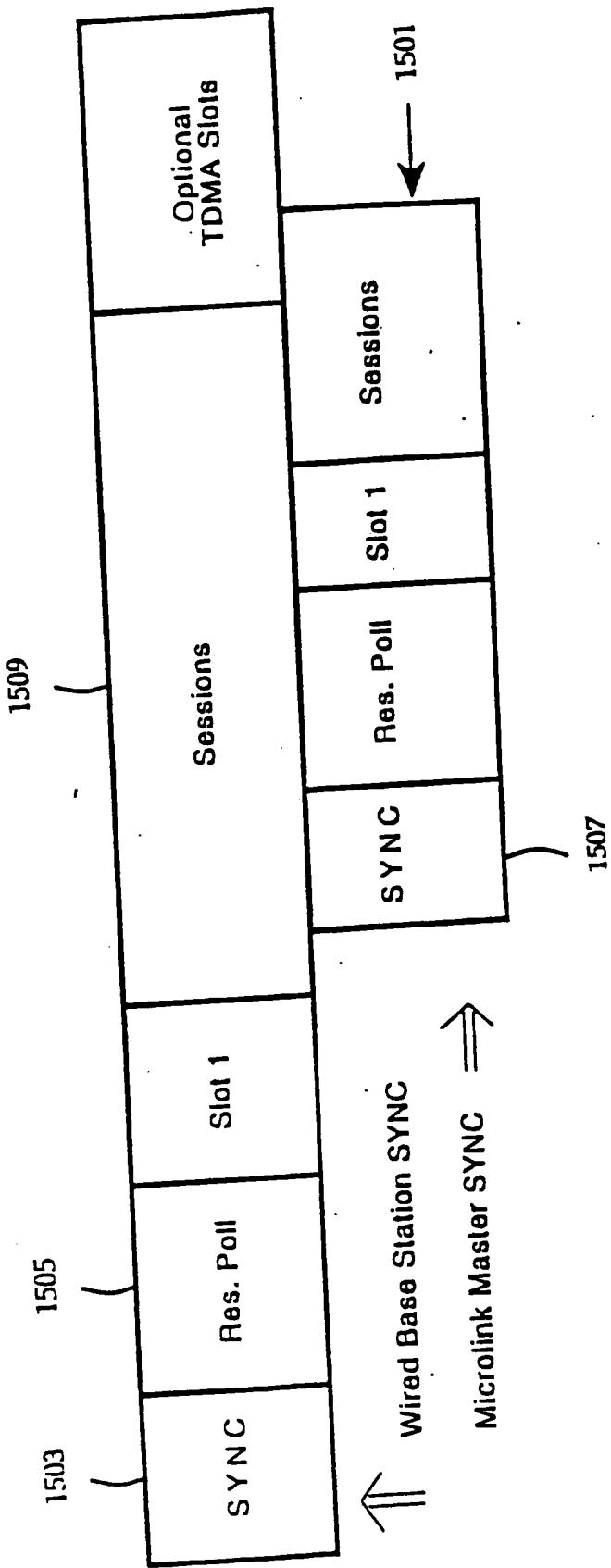


Figure 15

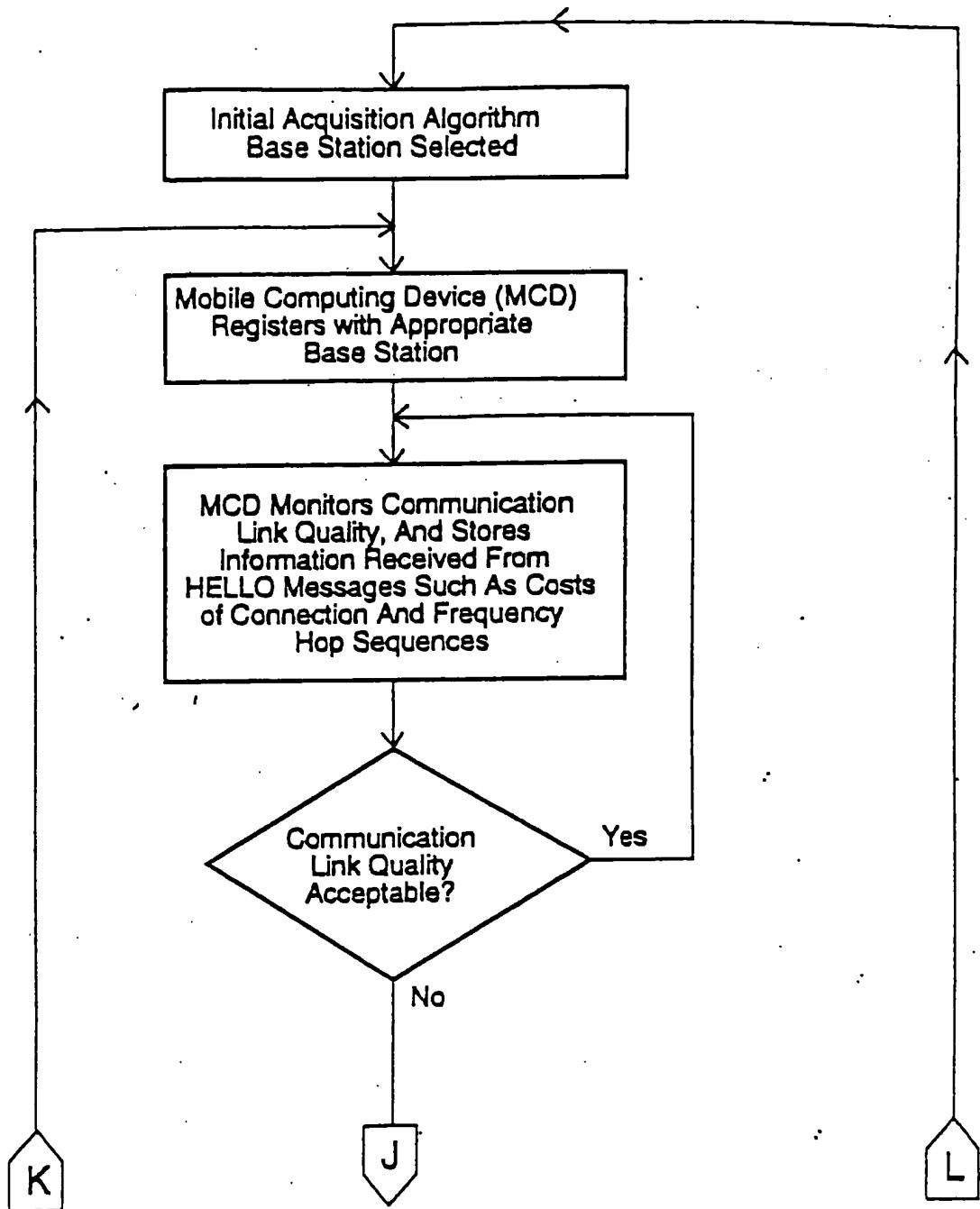


Figure 16a

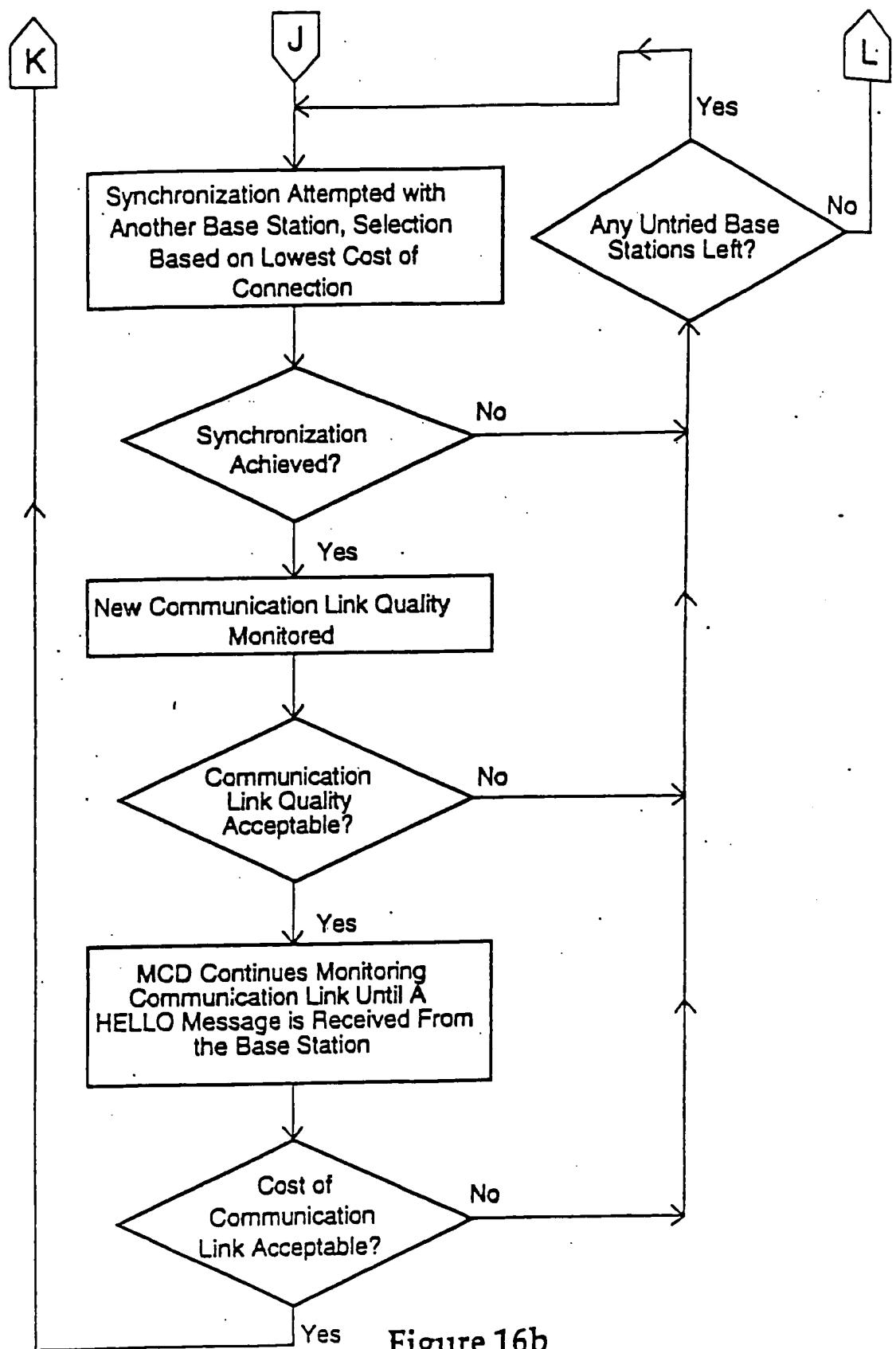


Figure 16b

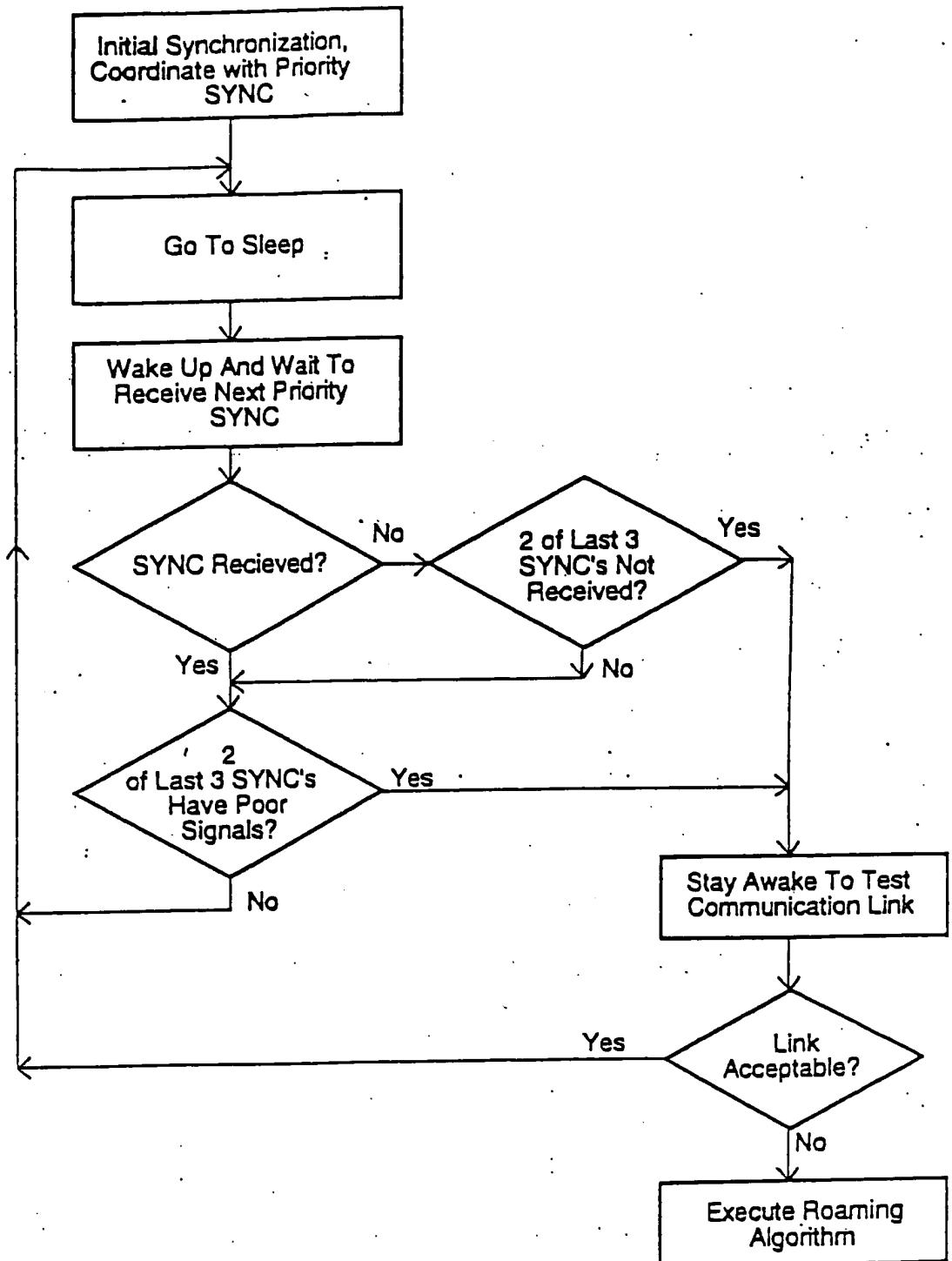


Figure 17

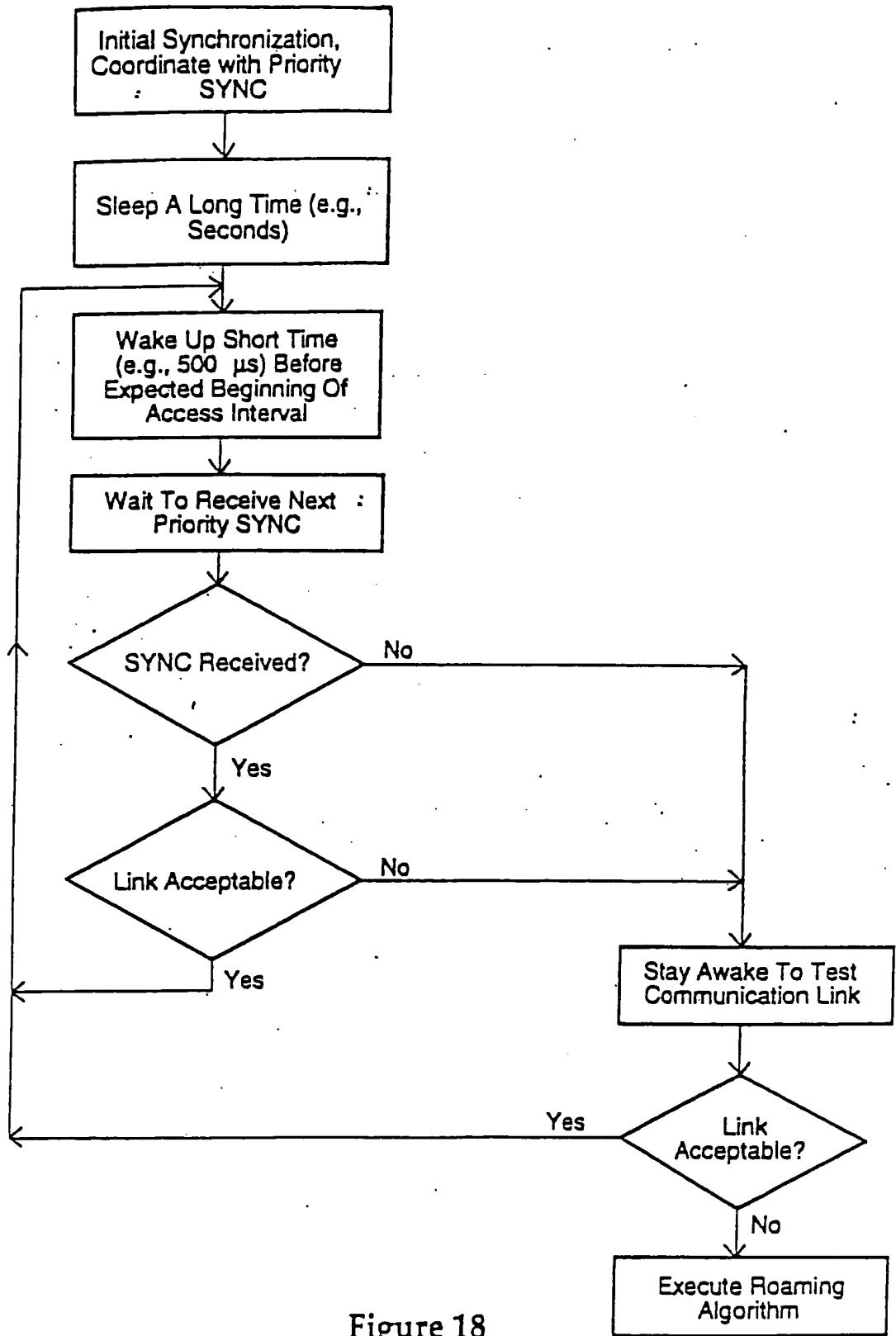


Figure 18

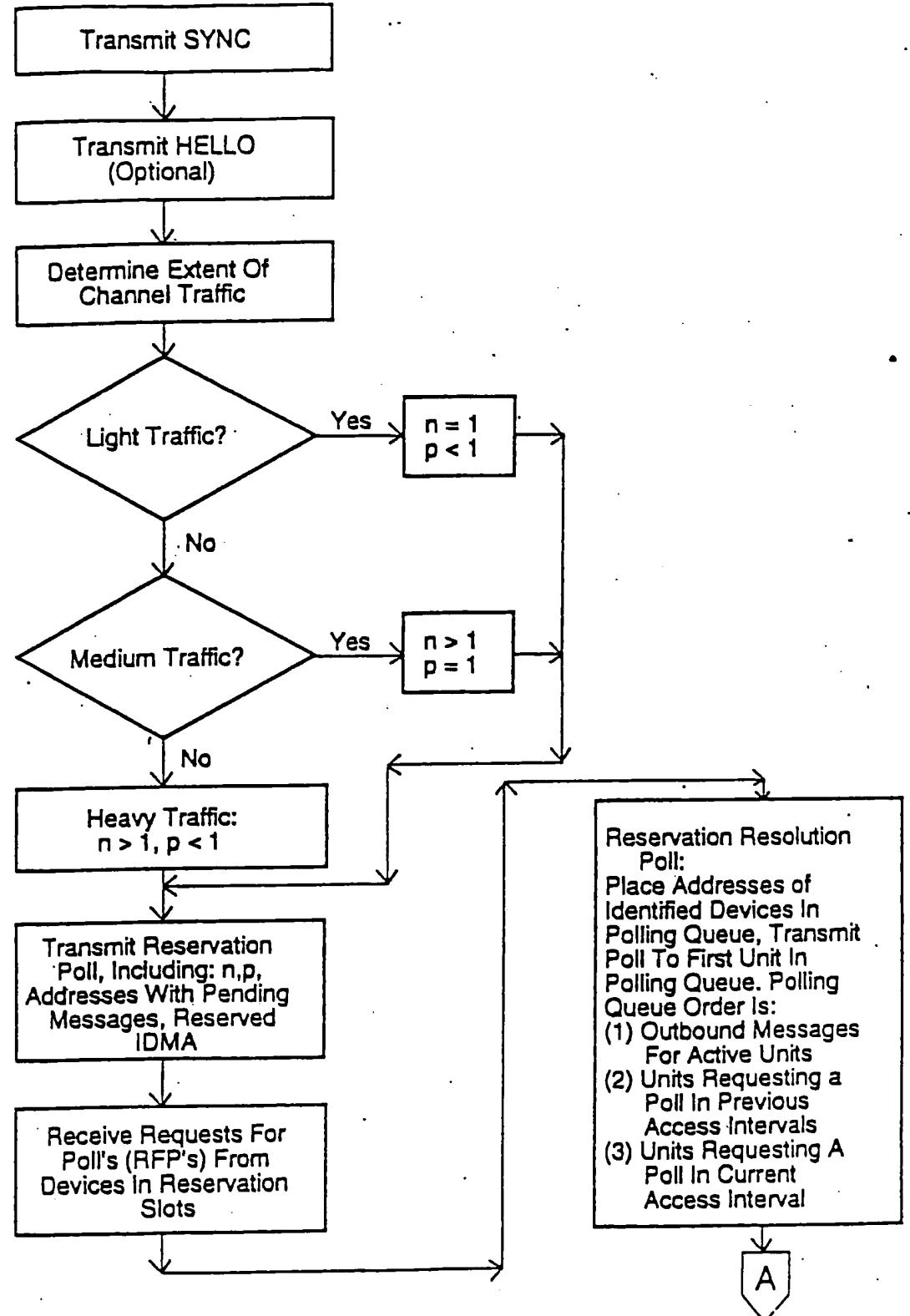


Figure 19a

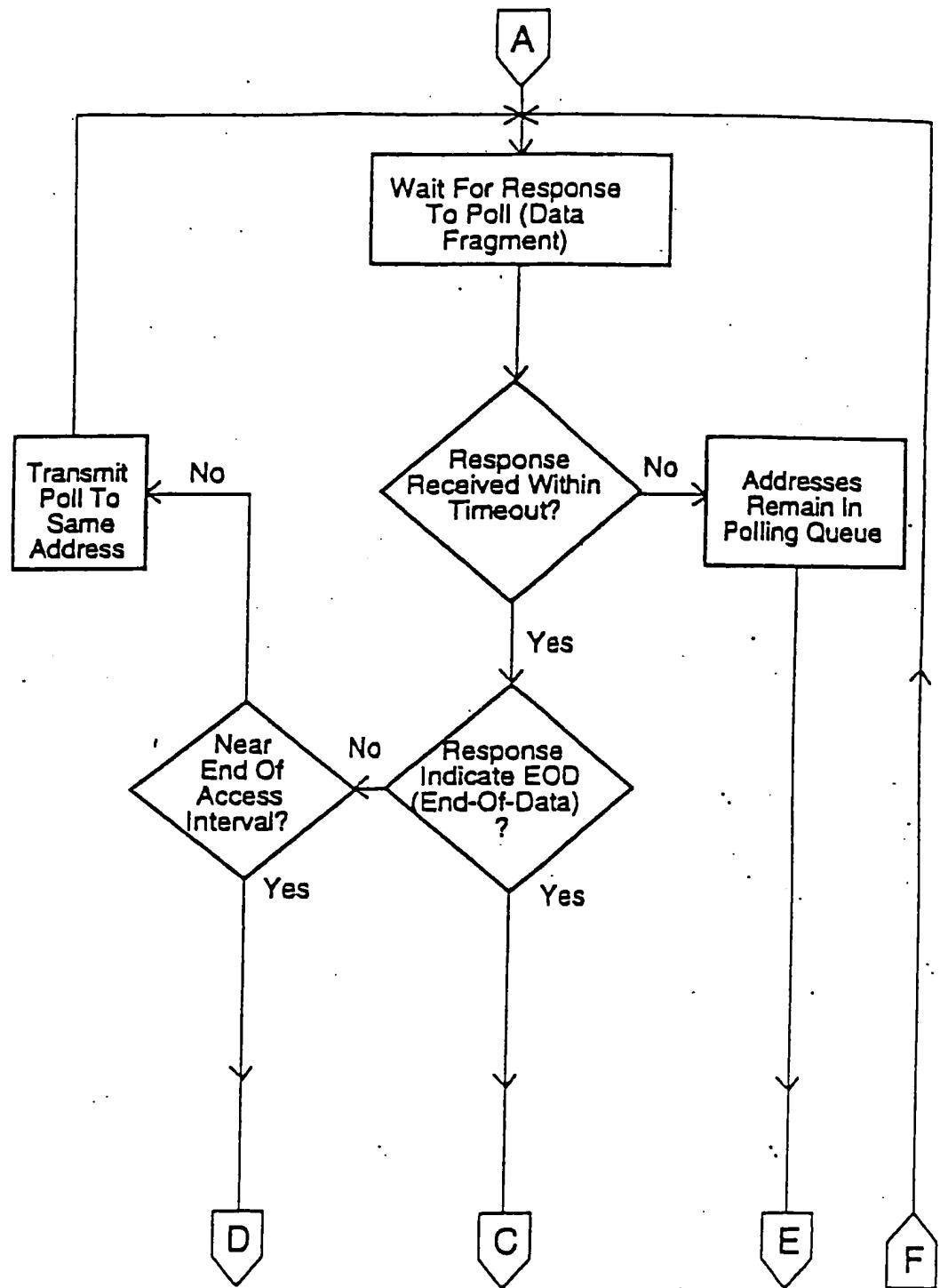


Figure 19b-1

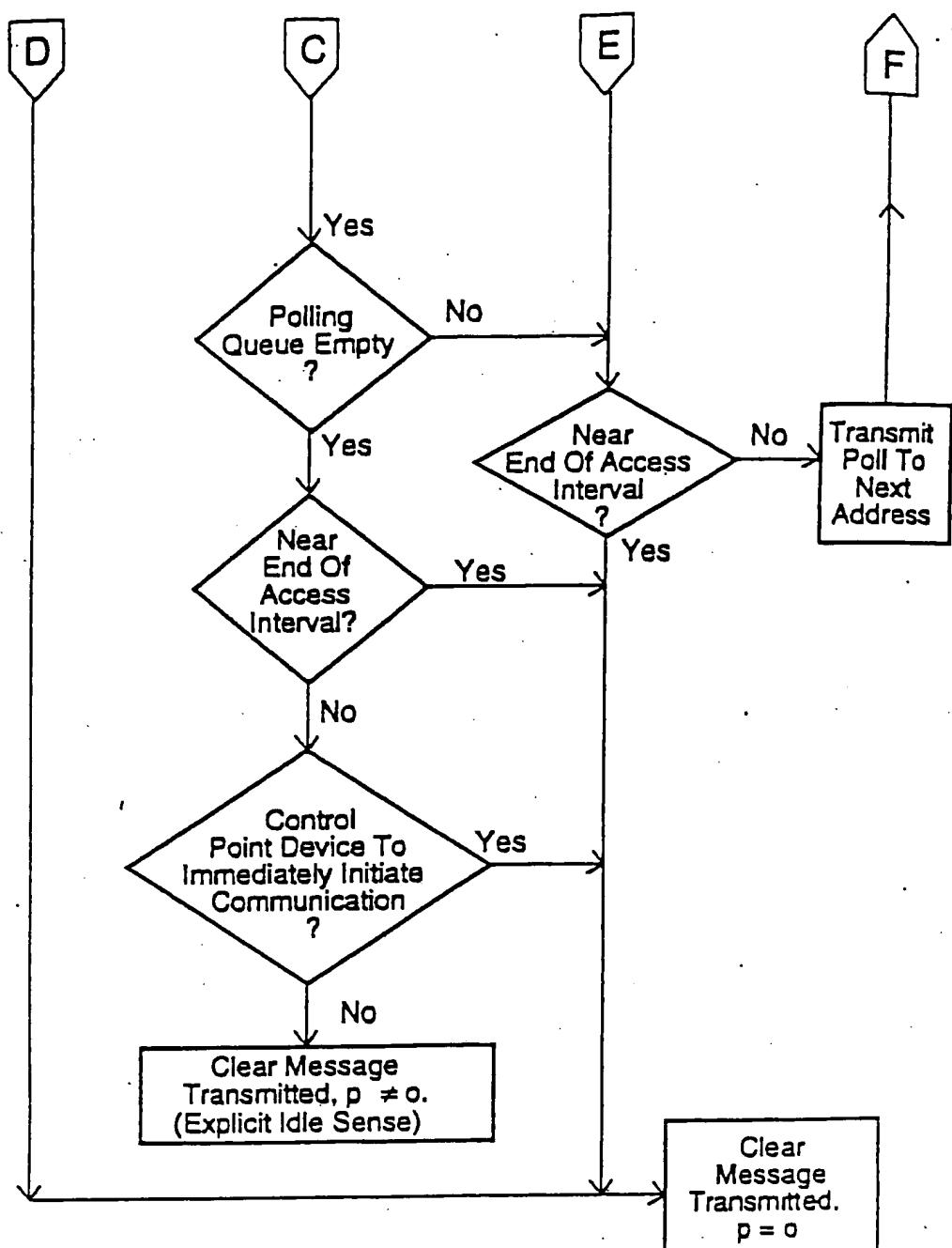
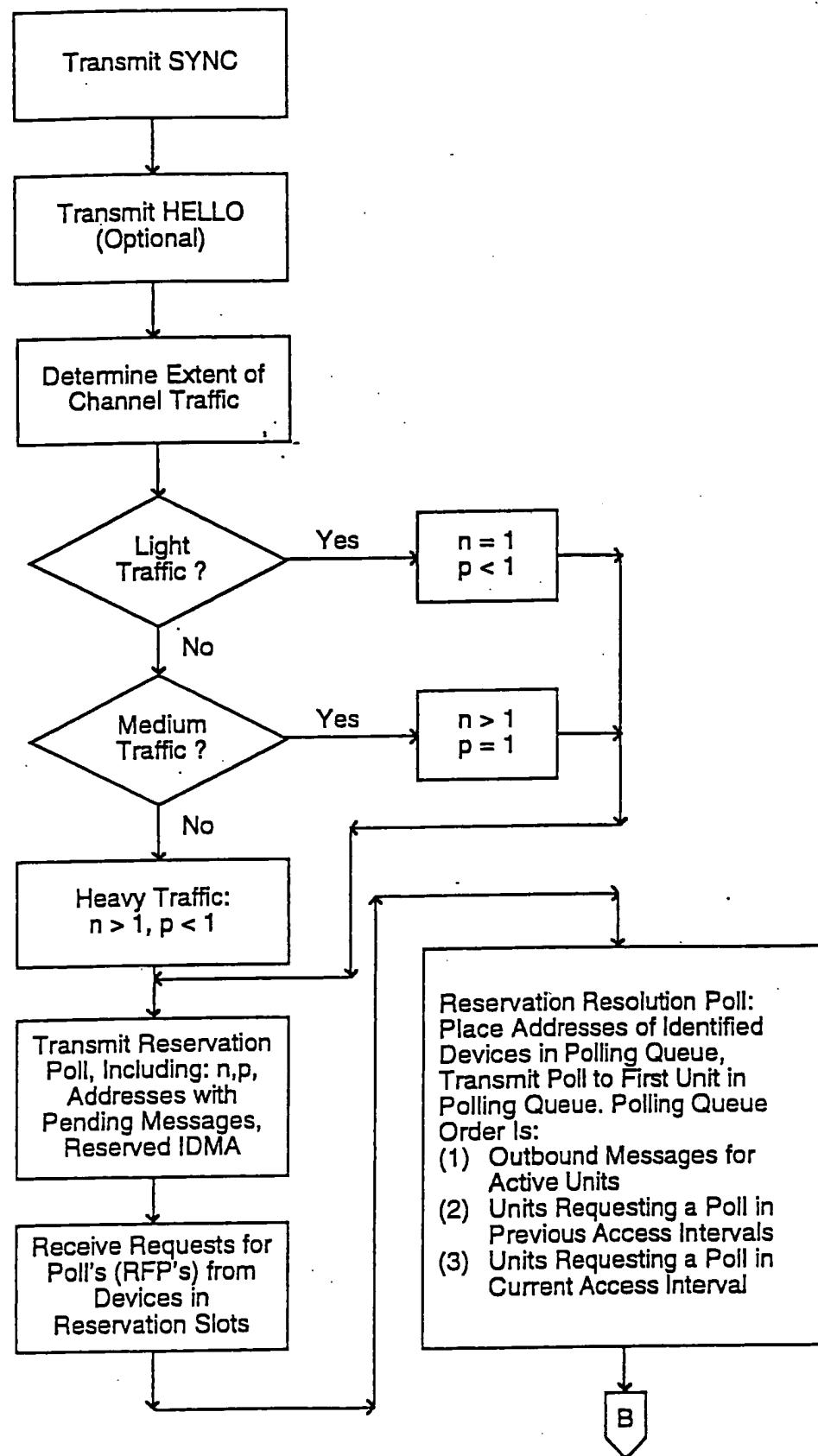


Figure 19b-2



**Fig. 20a**

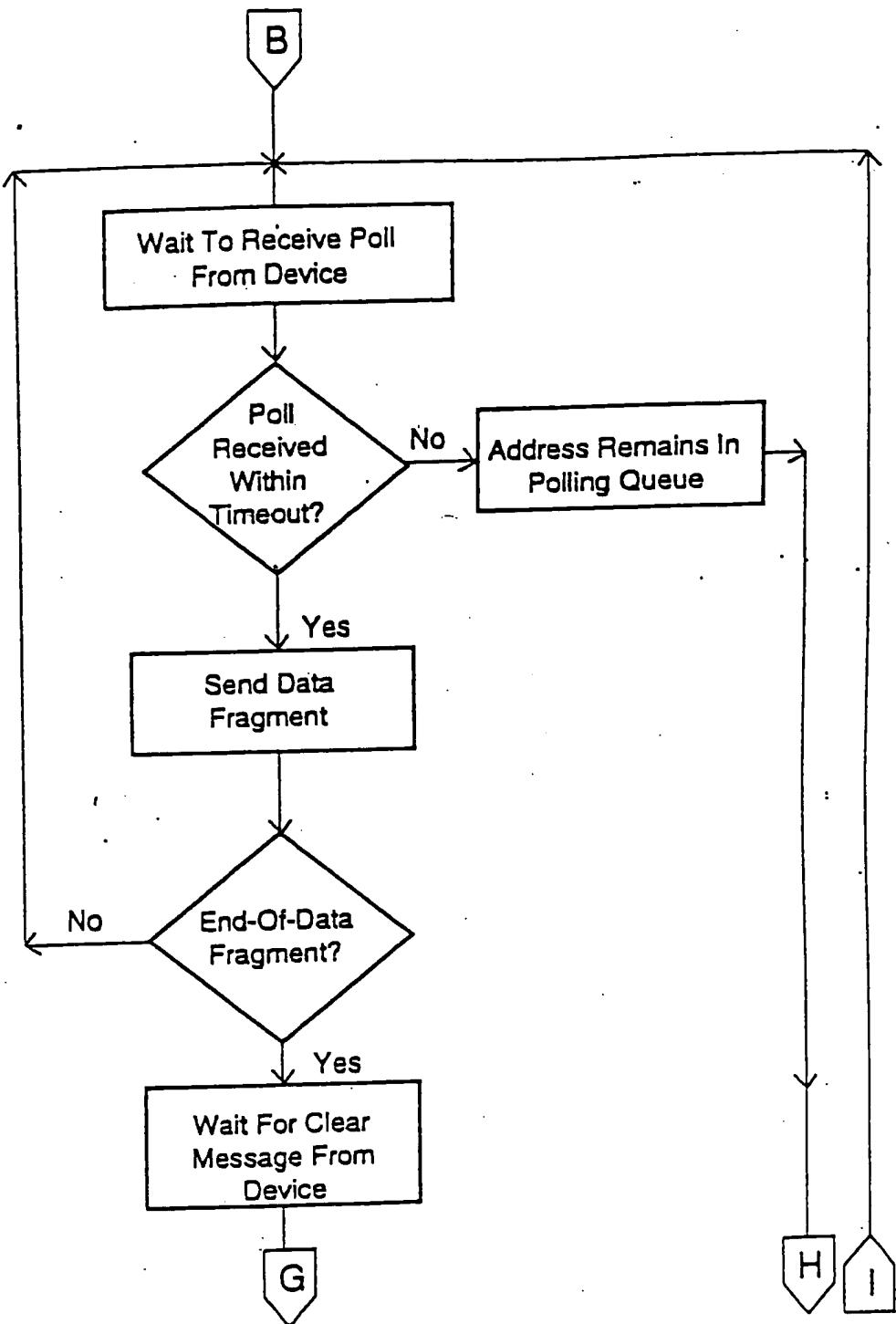


Figure 20b-1

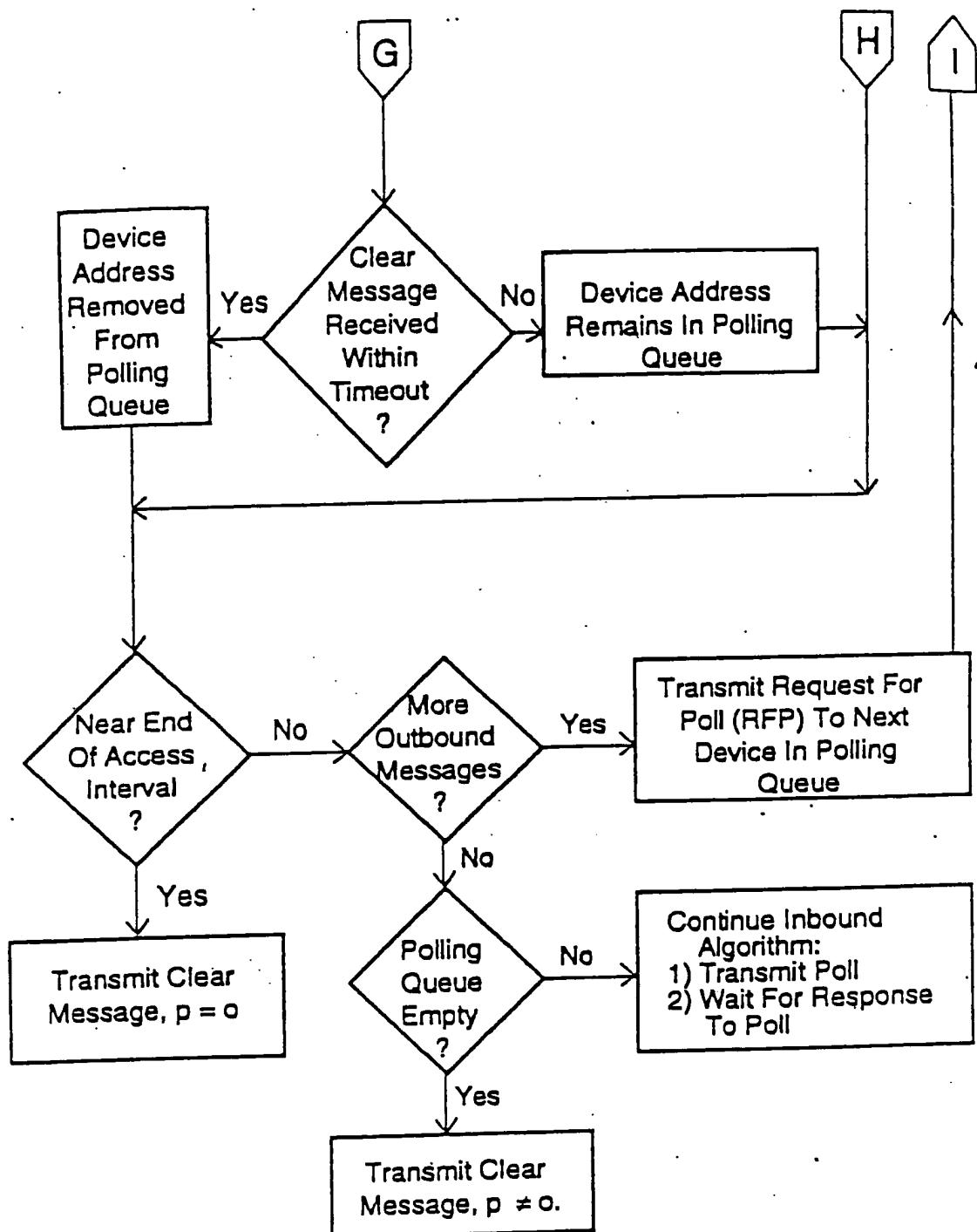


Figure 20b-2

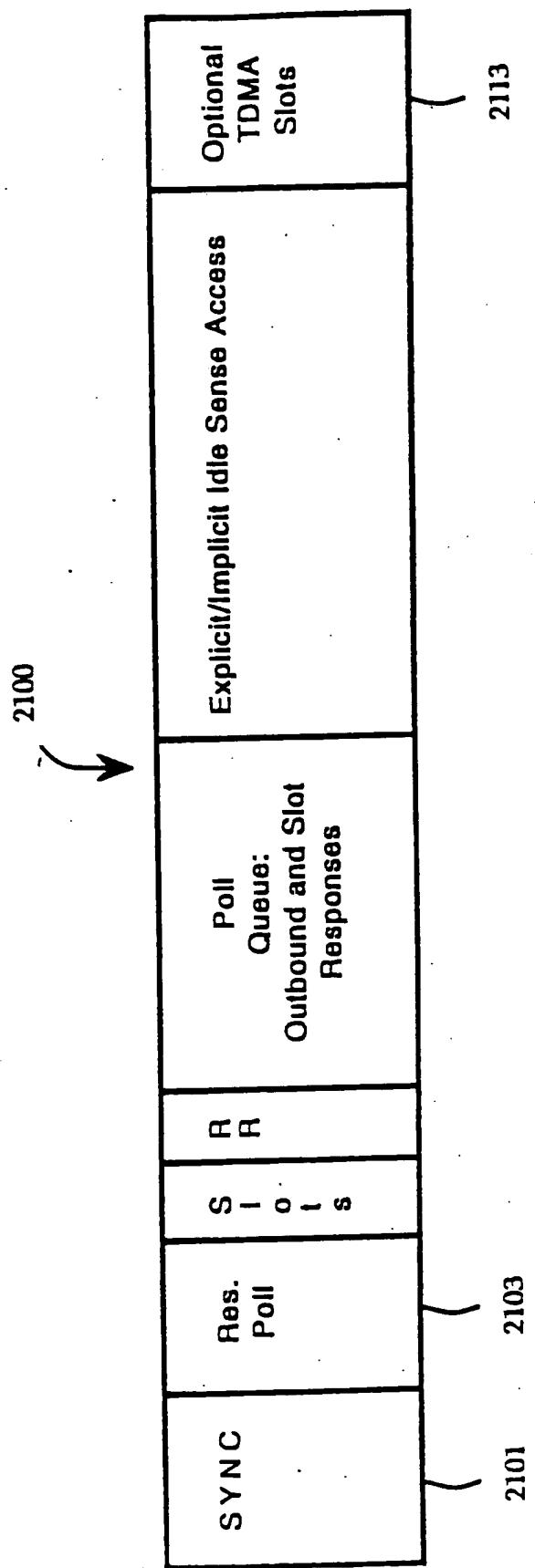


Figure 21

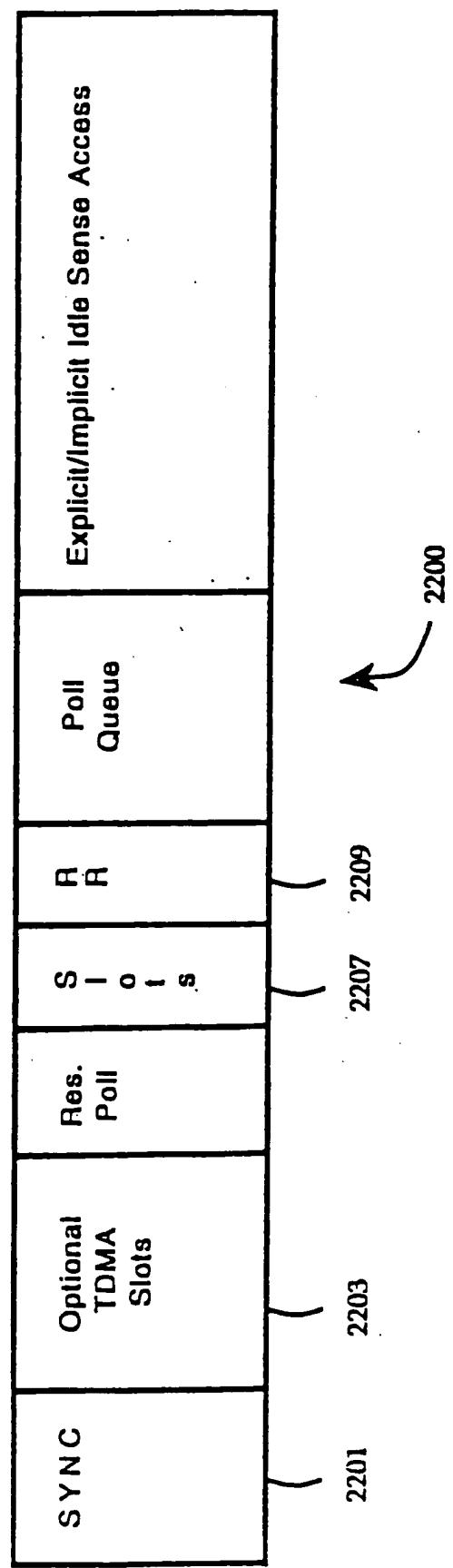


Figure 22

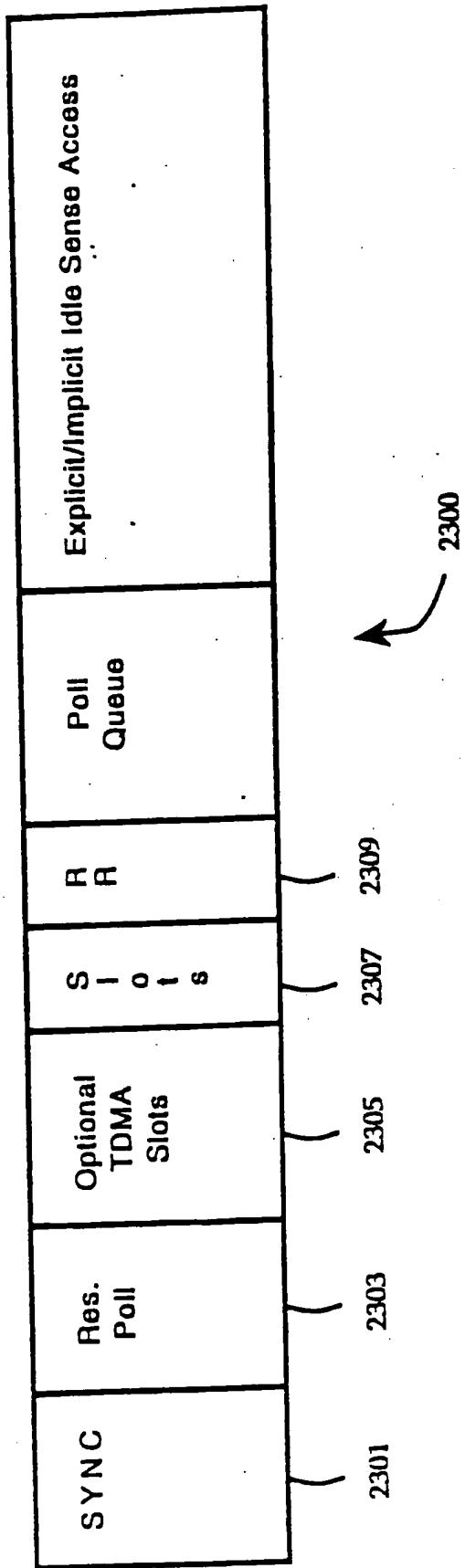


Figure 23

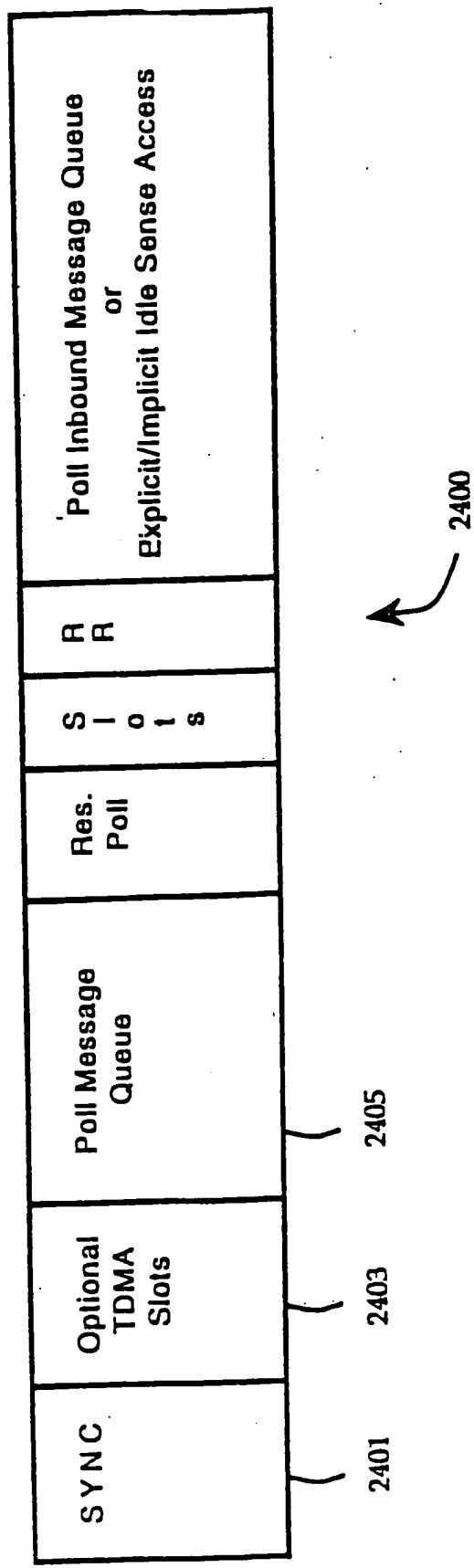


Figure 24

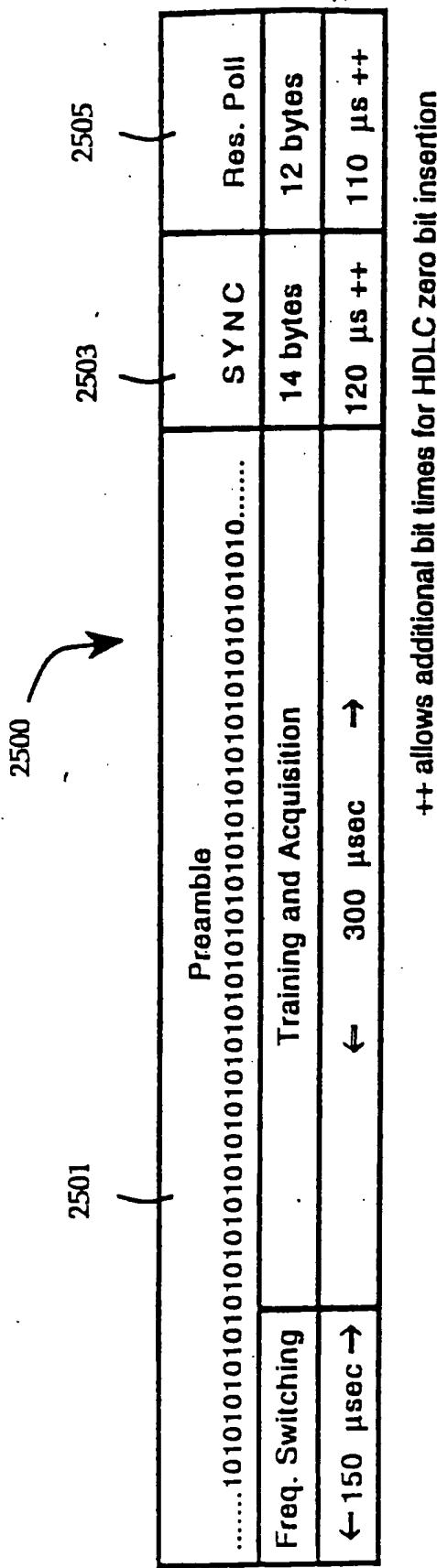


Figure 25

✓ 2600

## SYNC

Byte	Content	Definition
1	FLAG	Frame Delimiter
2	Dest. Address 1	Destination Address (SYNC = Broadcast = FFFF <sub>16</sub> )
3	Dest. Address 2	Destination Address, 2nd Byte
4	TYPE	Message Type=SYNC, Priority Sync, or Priority SYNC with HELLO
5	Source Address 1	Control Point Address
6	Source Address 2	Control Point Address, 2nd Byte
7*	SYSTEM ID	System Identifier (LAN ID)
8*	NET ID	Net ID
9*	Command/Status 1	Control Point Status
		2 Bits Control Point Type
		2 Bits Loading Factor
		1 Bit Scheduled Service Availability
		3 Bits Reserved
10*	Command/Status 2	Scheduled Services
		5 Bits Number of Allocated TDMA Time Slots
		3 Bits Number of Available Time Slots
11*	Random	Randomly Selected Character for Improved Encryption
12	CRC 1	Error Check
13	CRC 2	Error Check
14	FLAG	Frame Delimiter

Figure 26 \*Optionally Encrypted Bytes

**Reservation Poll**

Byte	Content	Definition
1	FLAG	Frame Delimiter
2	Dest. Address 1	Destination Address (RES = Broadcast = FFFF <sub>H</sub> )
3	Dest. Address 2	Destination Address, 2nd Byte
4	TYPE	Message Type = RES POLL
5	SLOT PARMs	3 Bits Number of Slots
6		5 Bits Probability Factor
7*	Sequence Index	Hopping Sequence ID
8*	NET PARMs	Hopping Sequence Index
9*		
10	CRC 1	3 Bits Hop Rate
11	CRC 2	2 Bits Al's per Hop
12	FLAG	3 Bits Reserved
		Error Check
		Error Check
		Frame Delimiter

2700

Figure 27

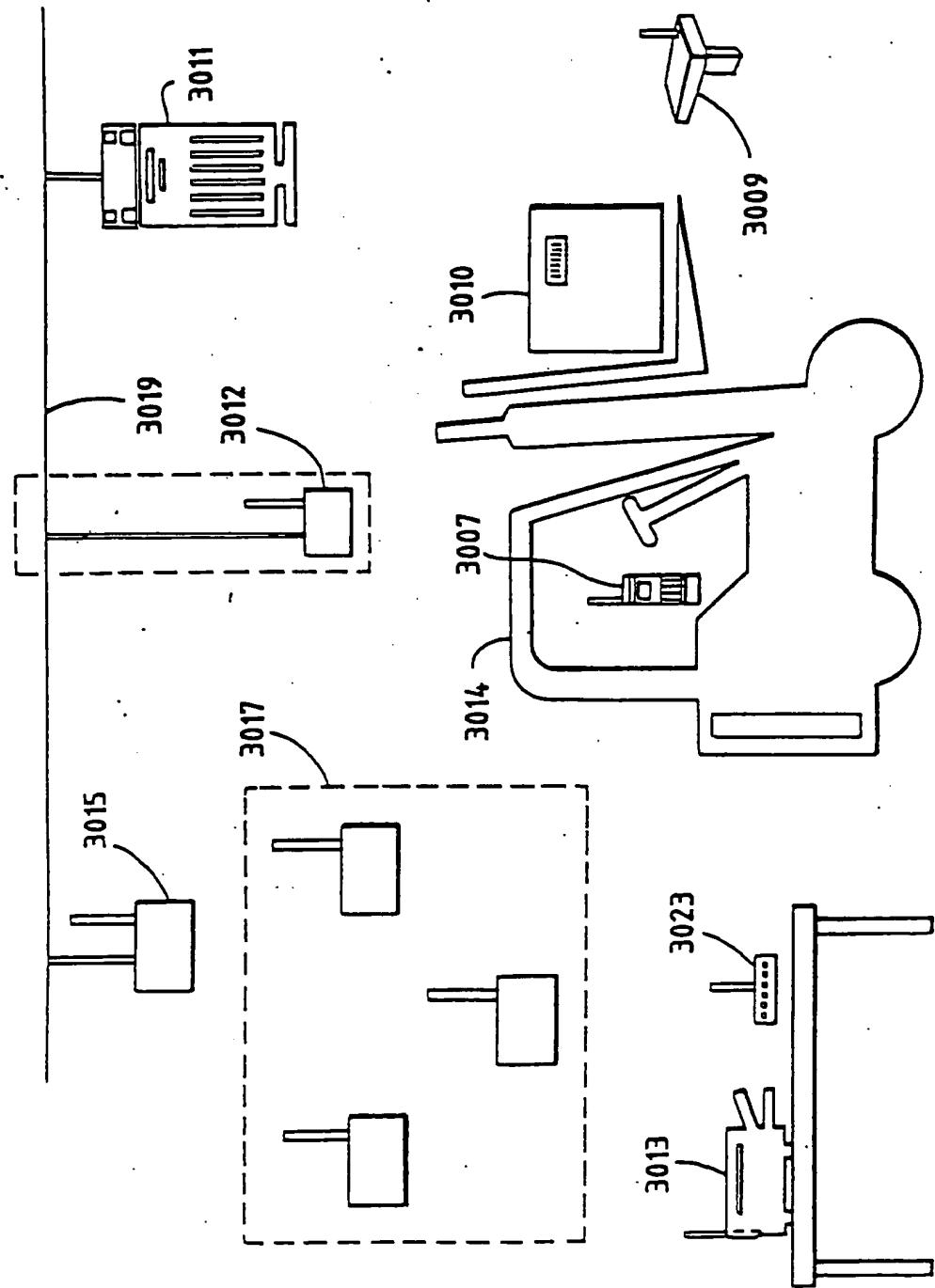


Fig. 28A

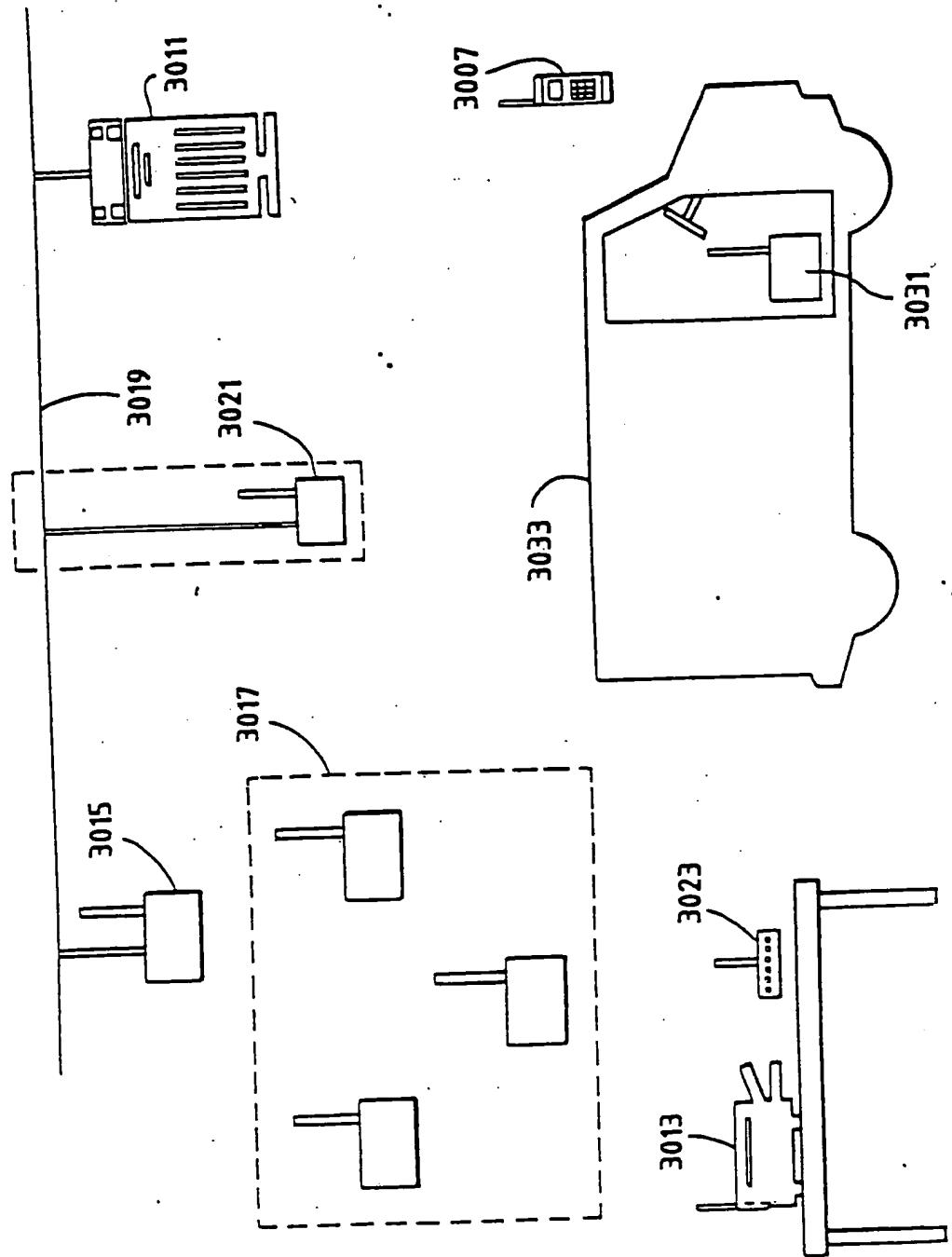


Fig. 28b

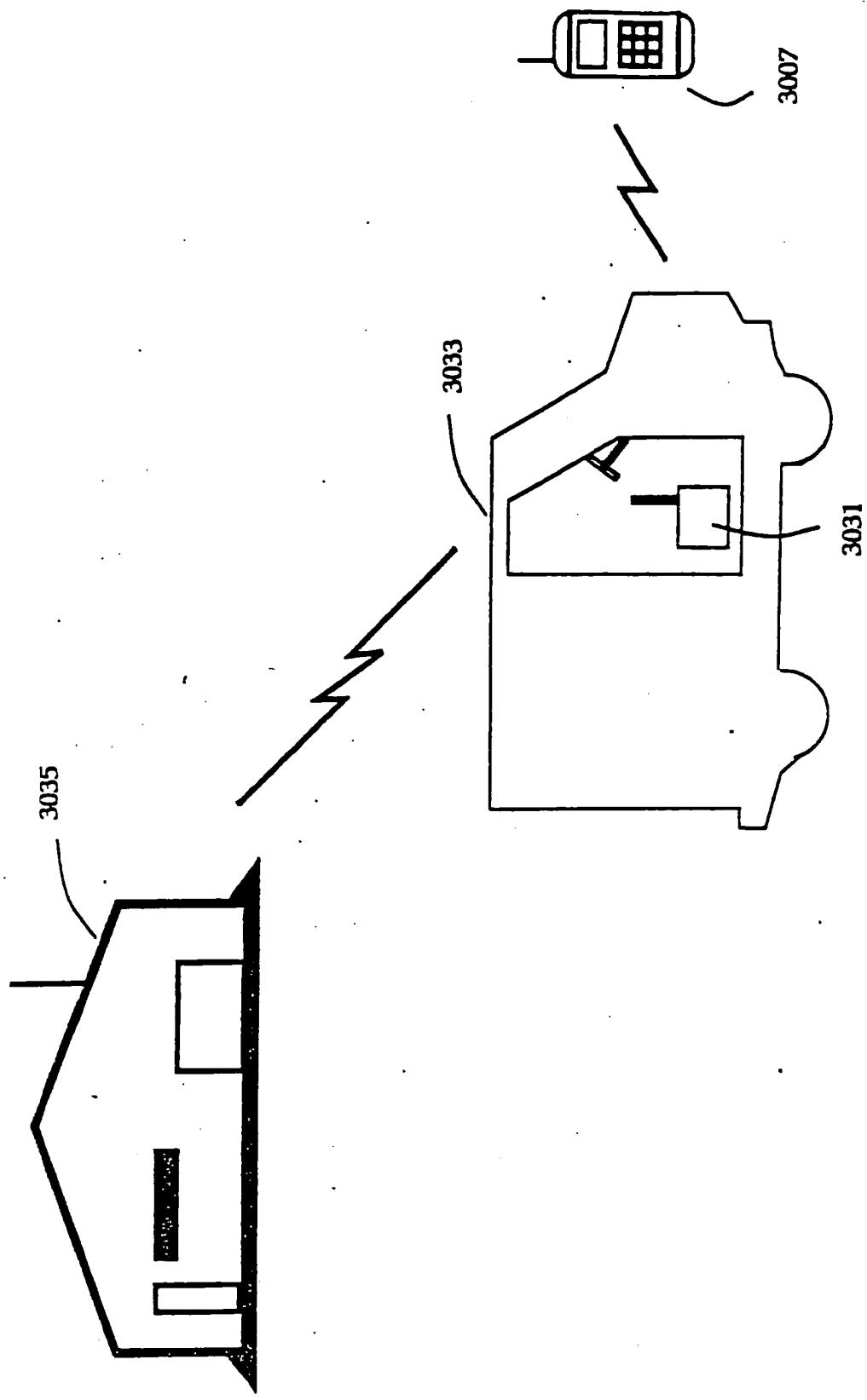
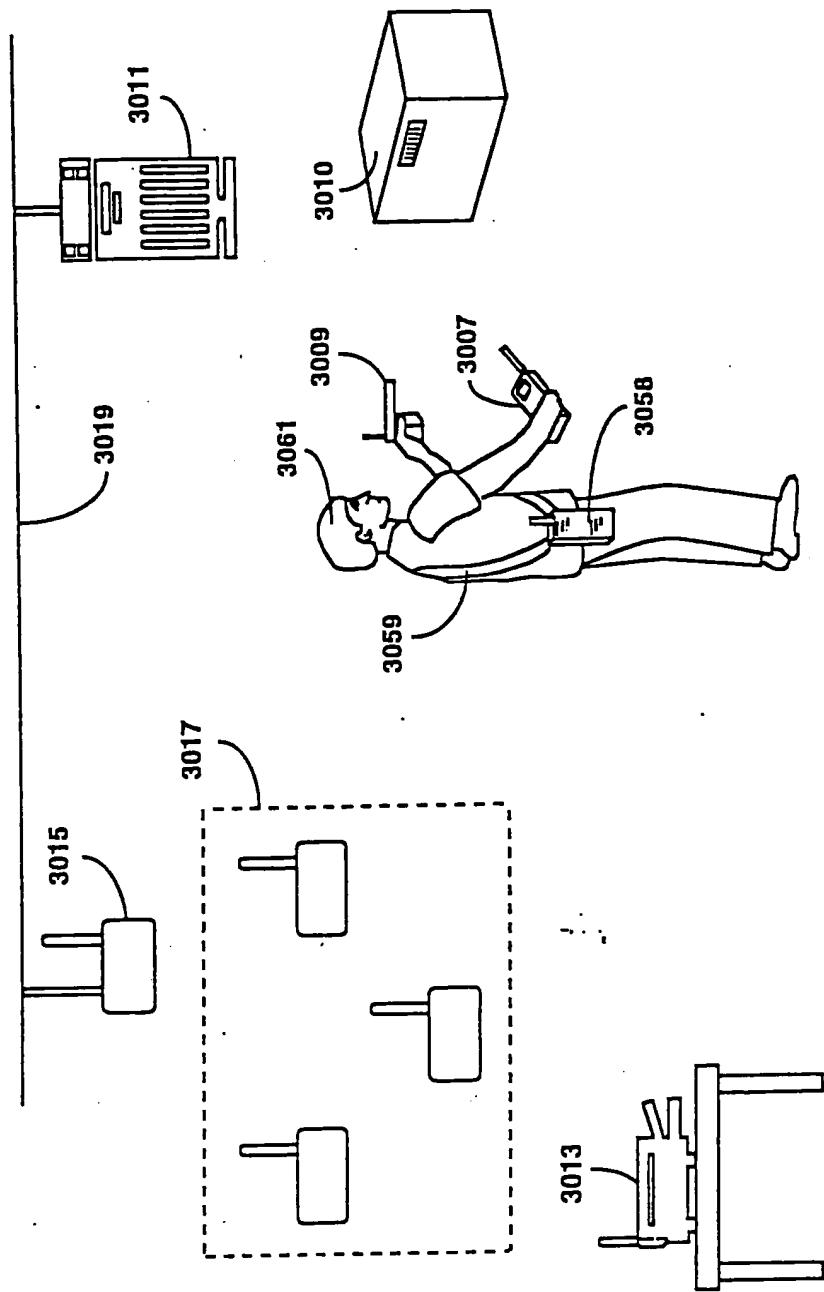
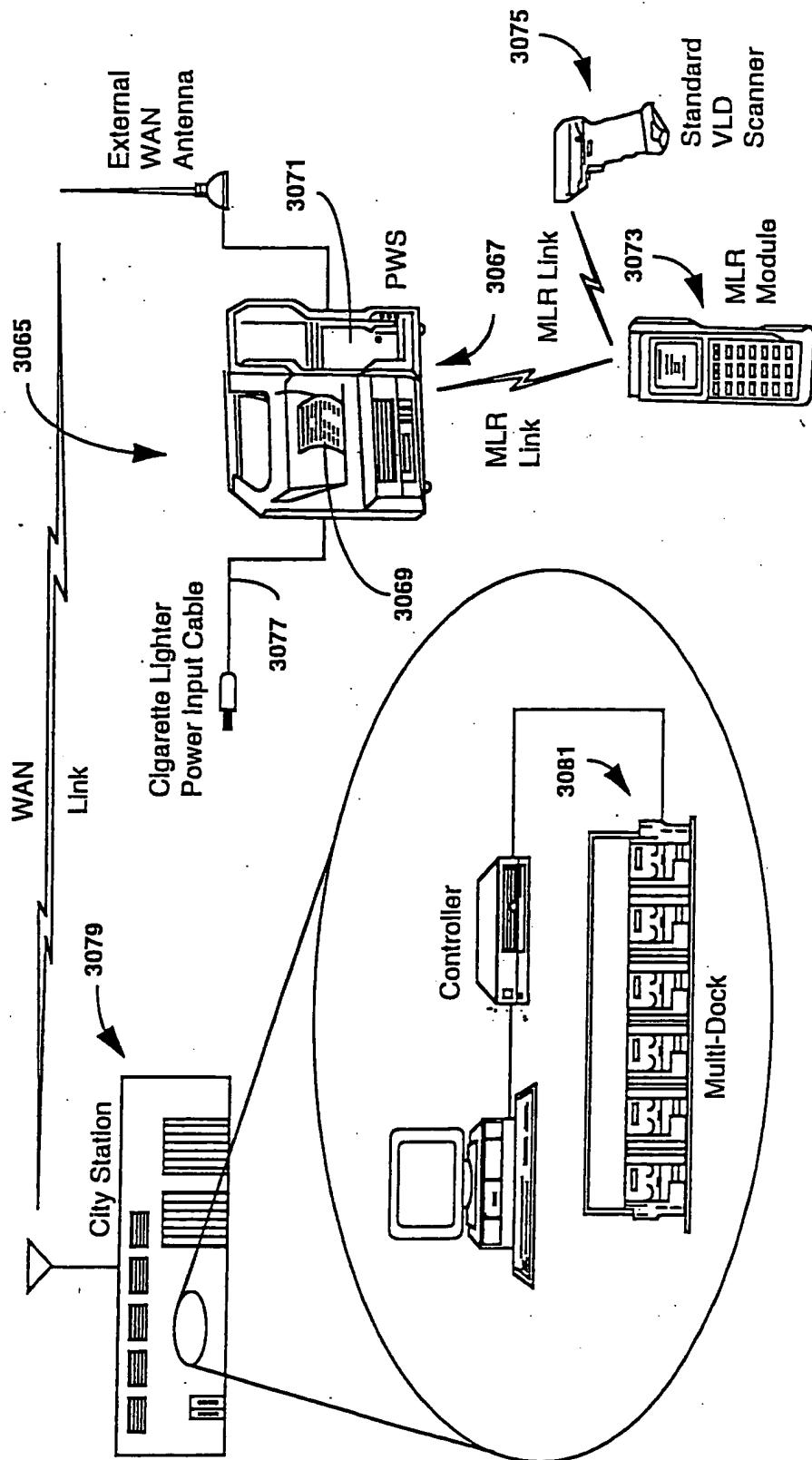


Figure 28C

Fig. 29A



**Fig. 29B**



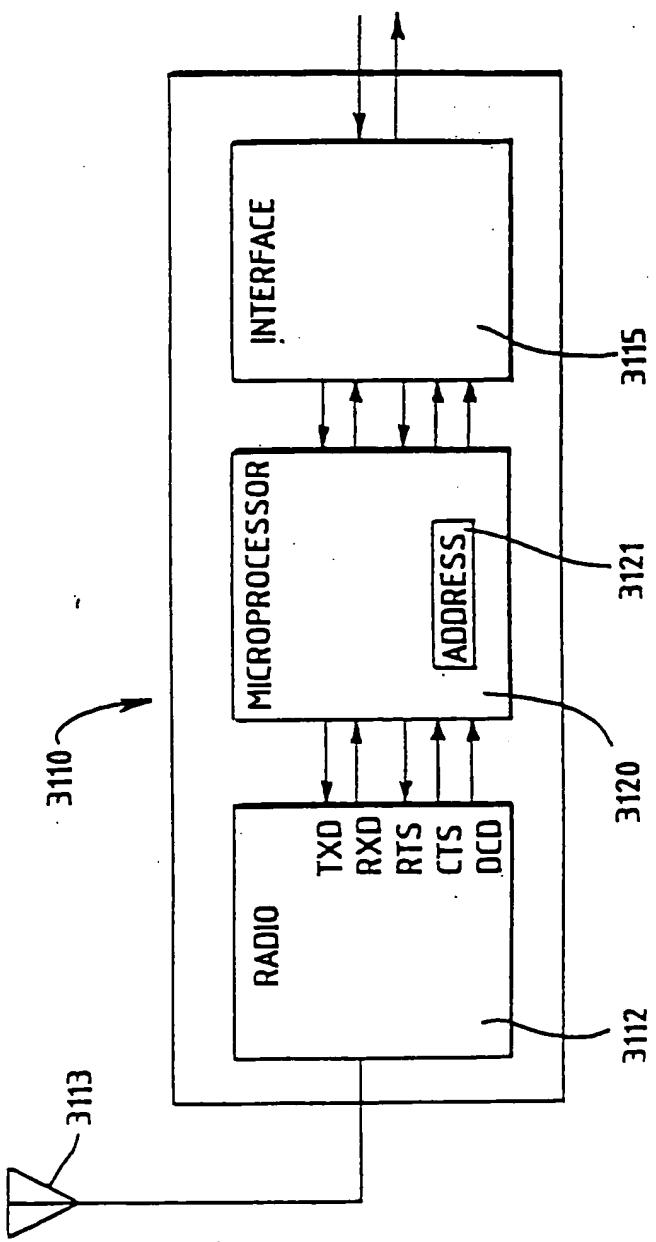


Fig. 30

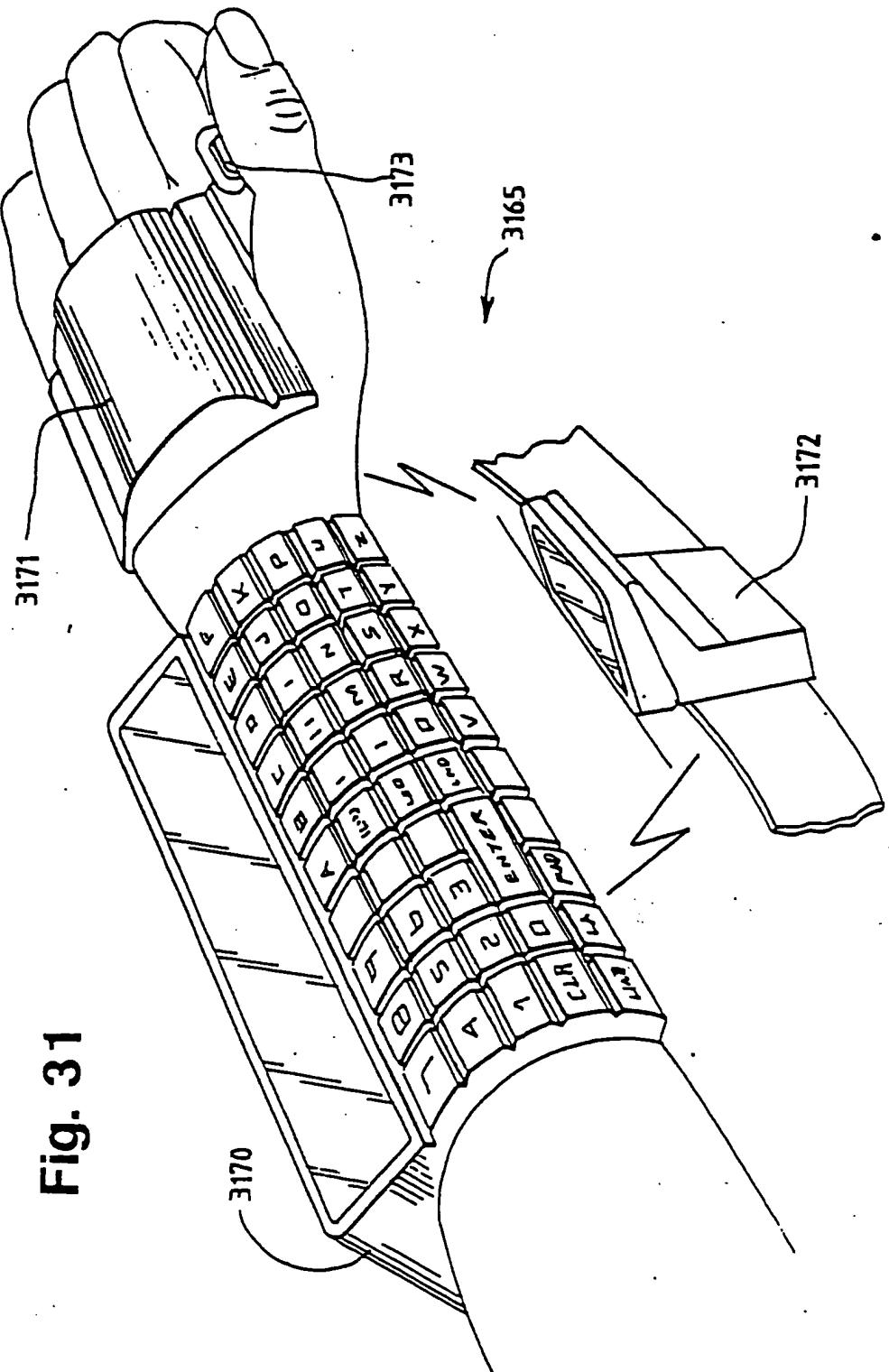
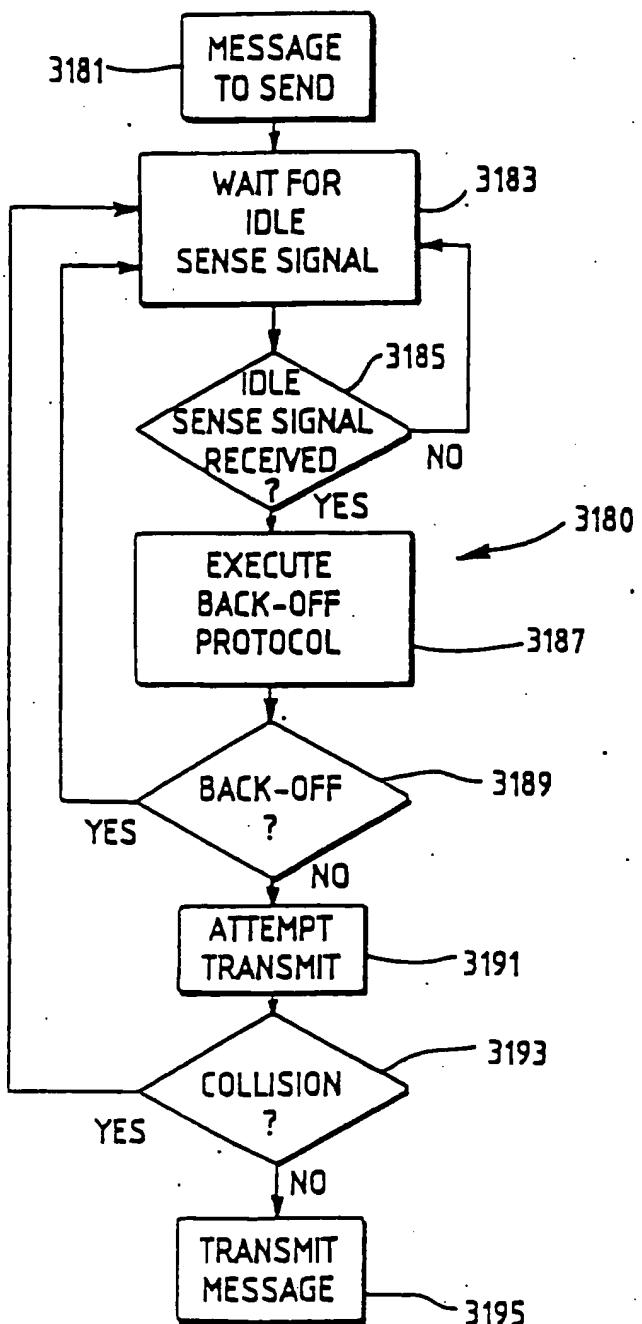
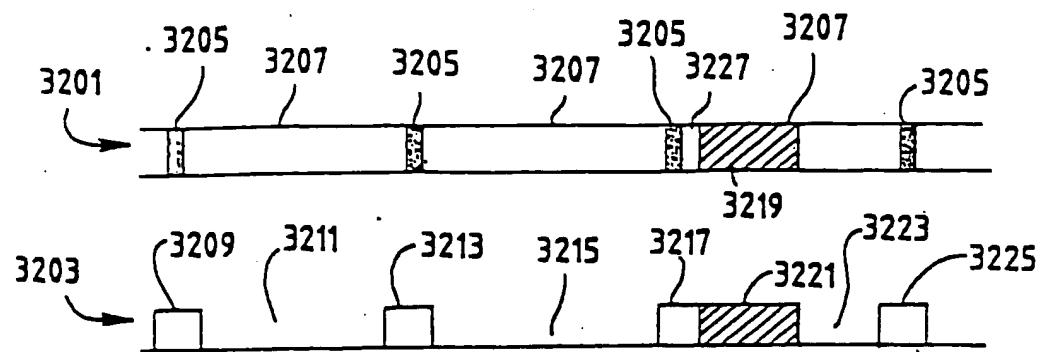


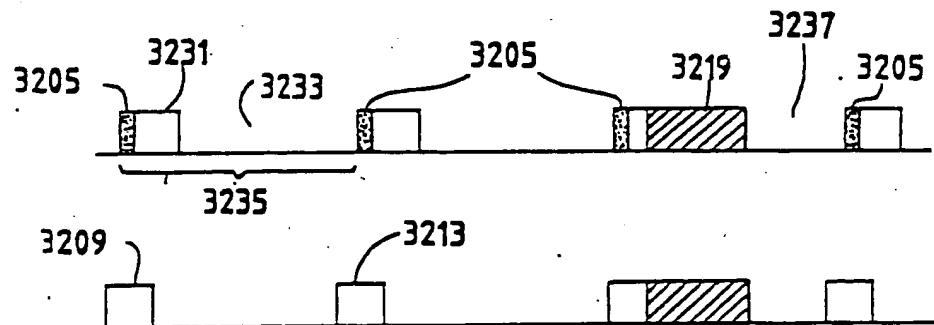
Fig. 31

Fig. 32

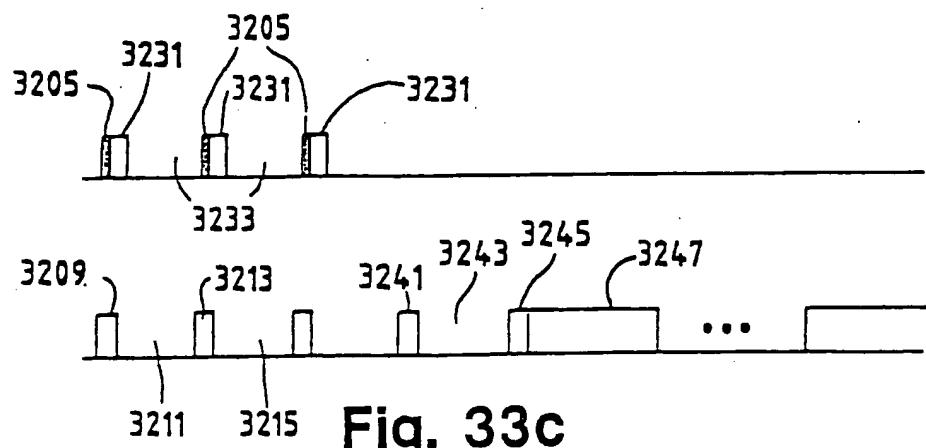




**Fig. 33a**

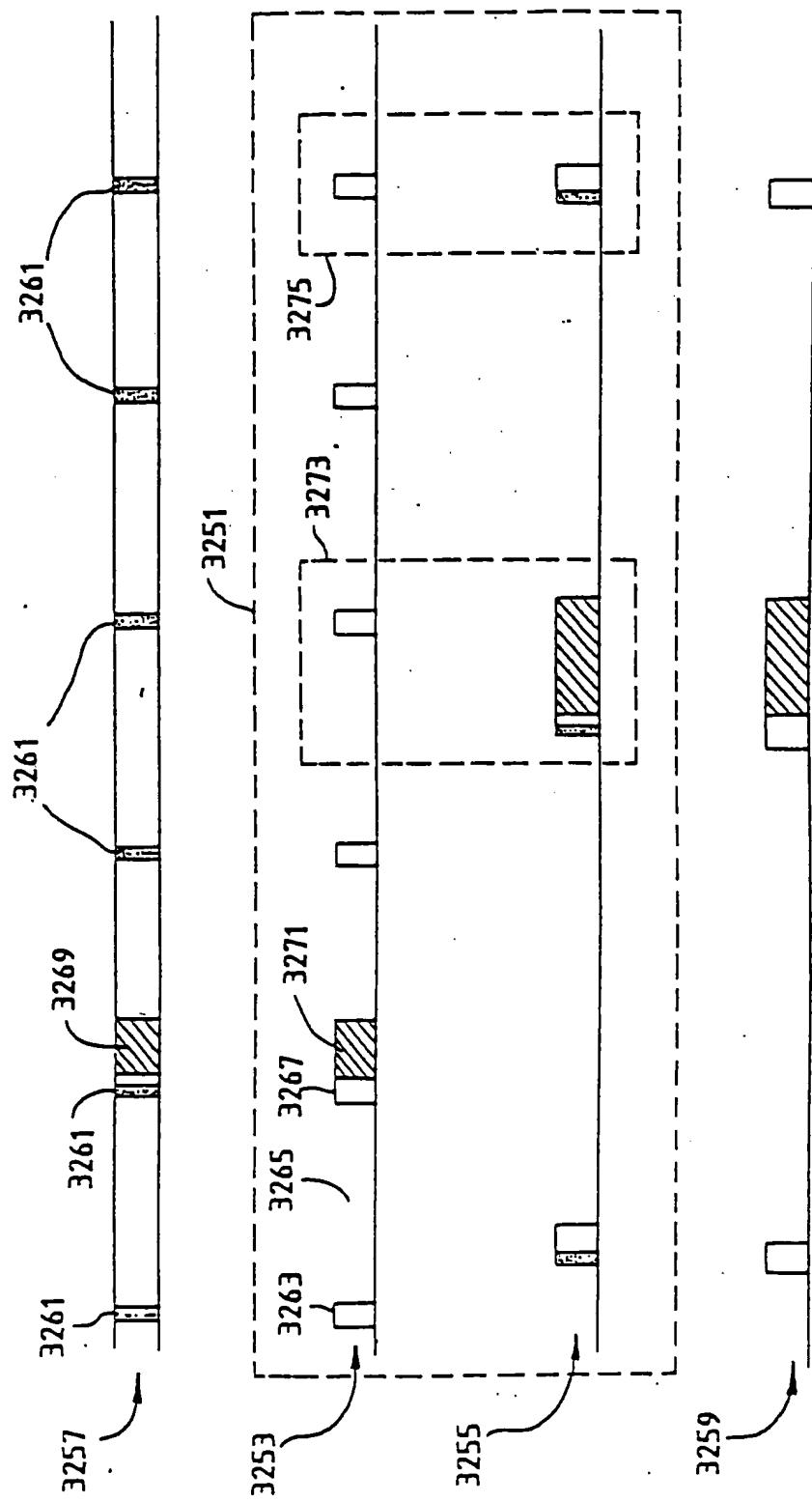


**Fig. 33b**



**Fig. 33c**

**Fig. 34**



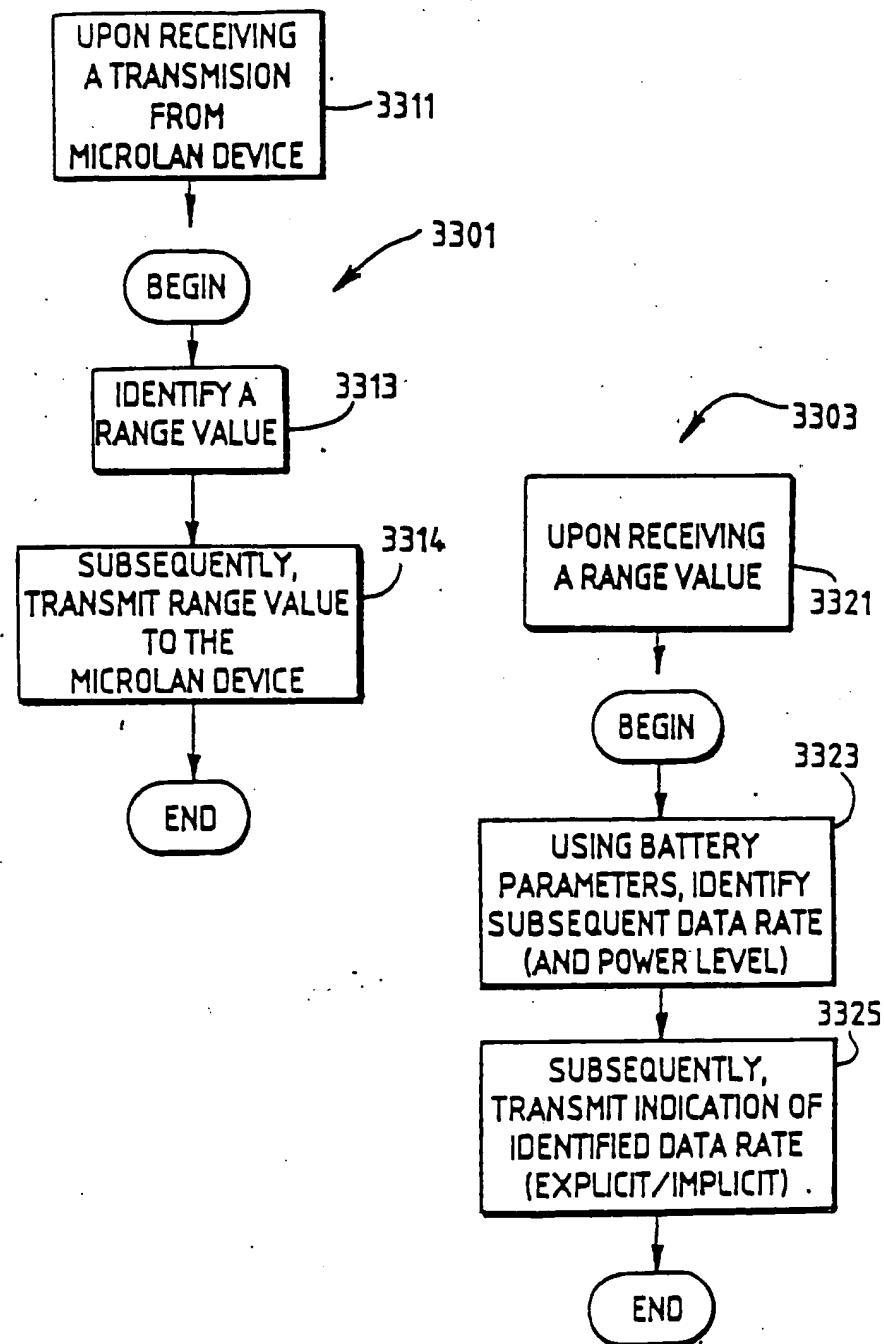
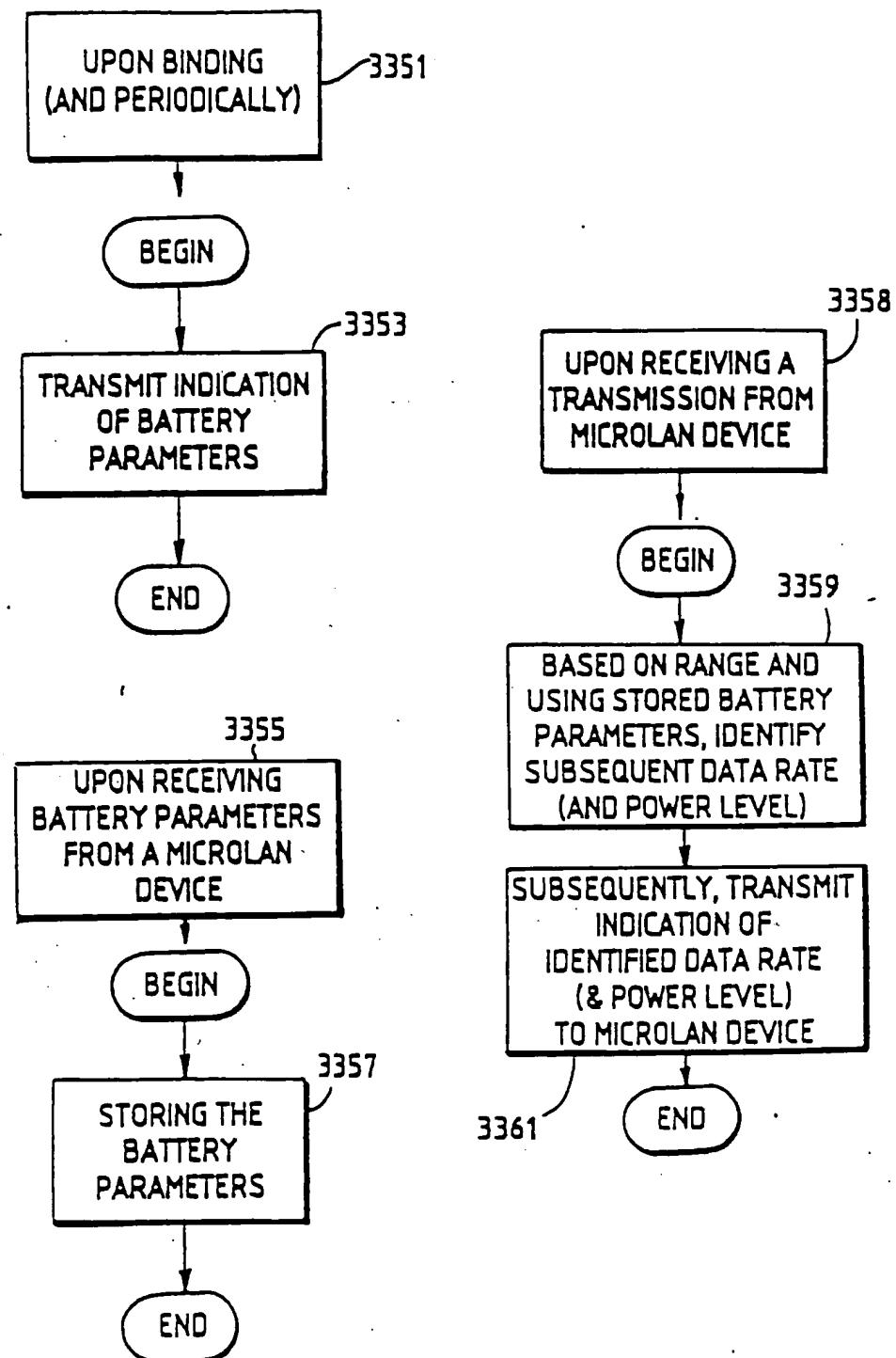


Fig. 35

Fig. 36



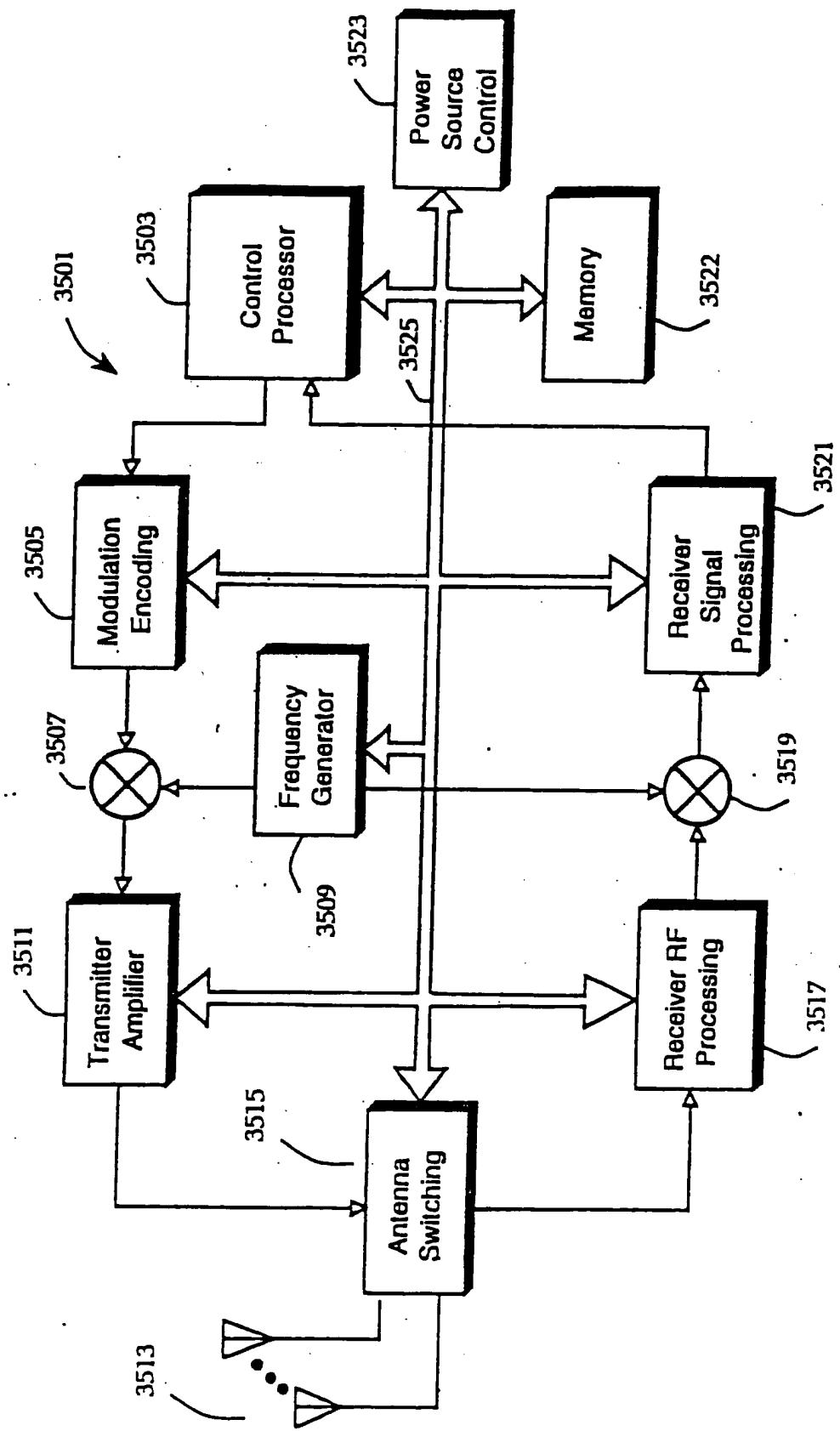


Figure 37

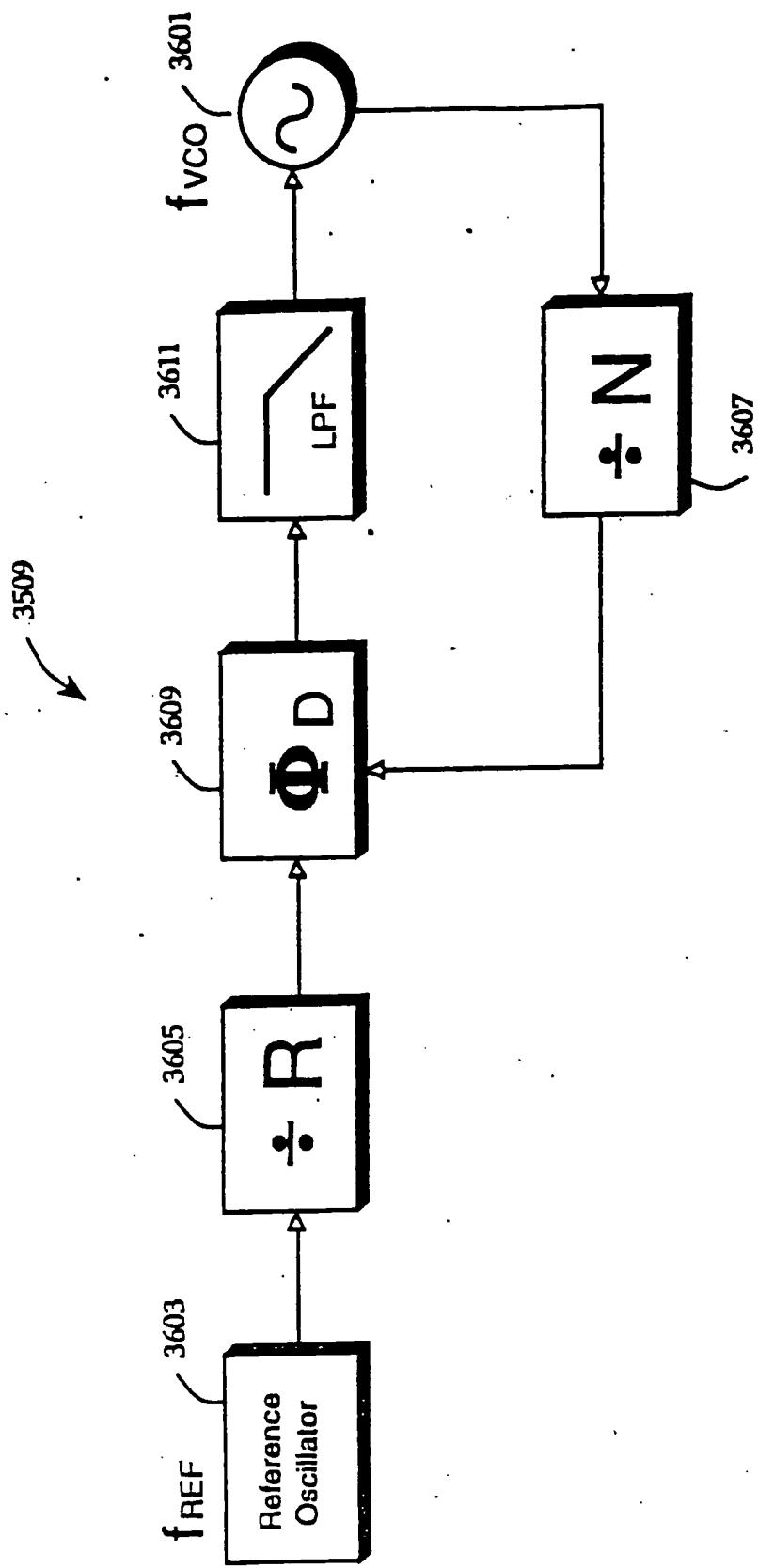


Figure 38

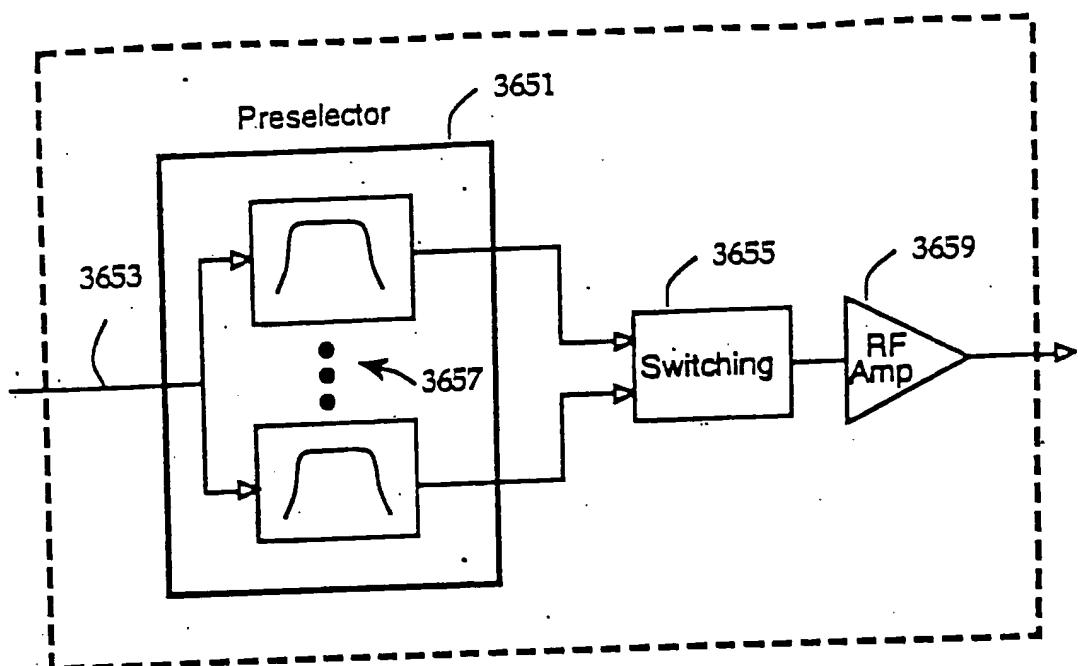


Figure 39

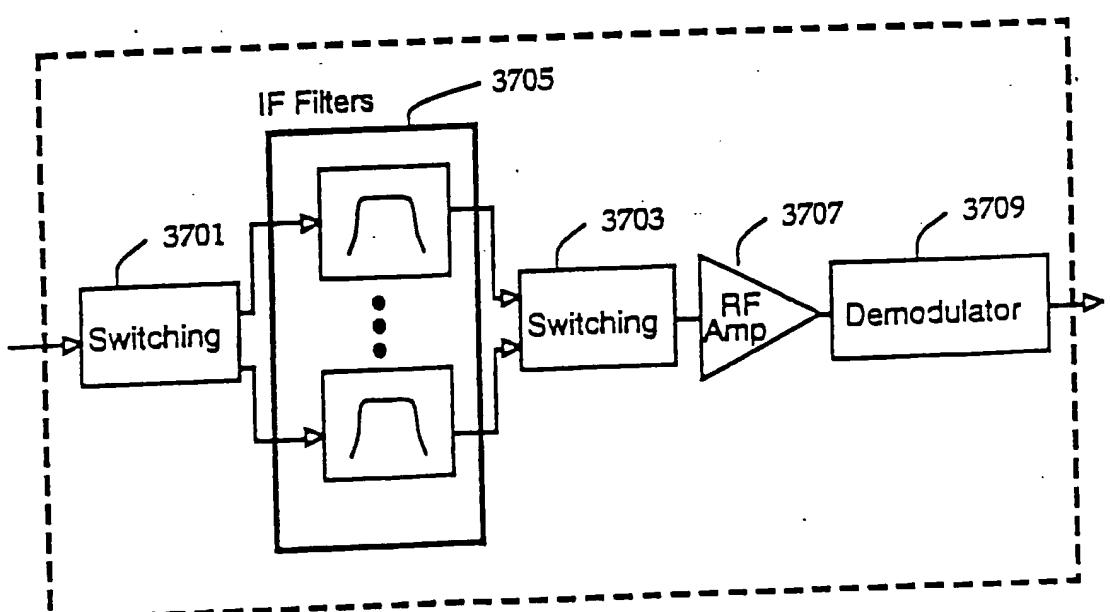


Figure 40

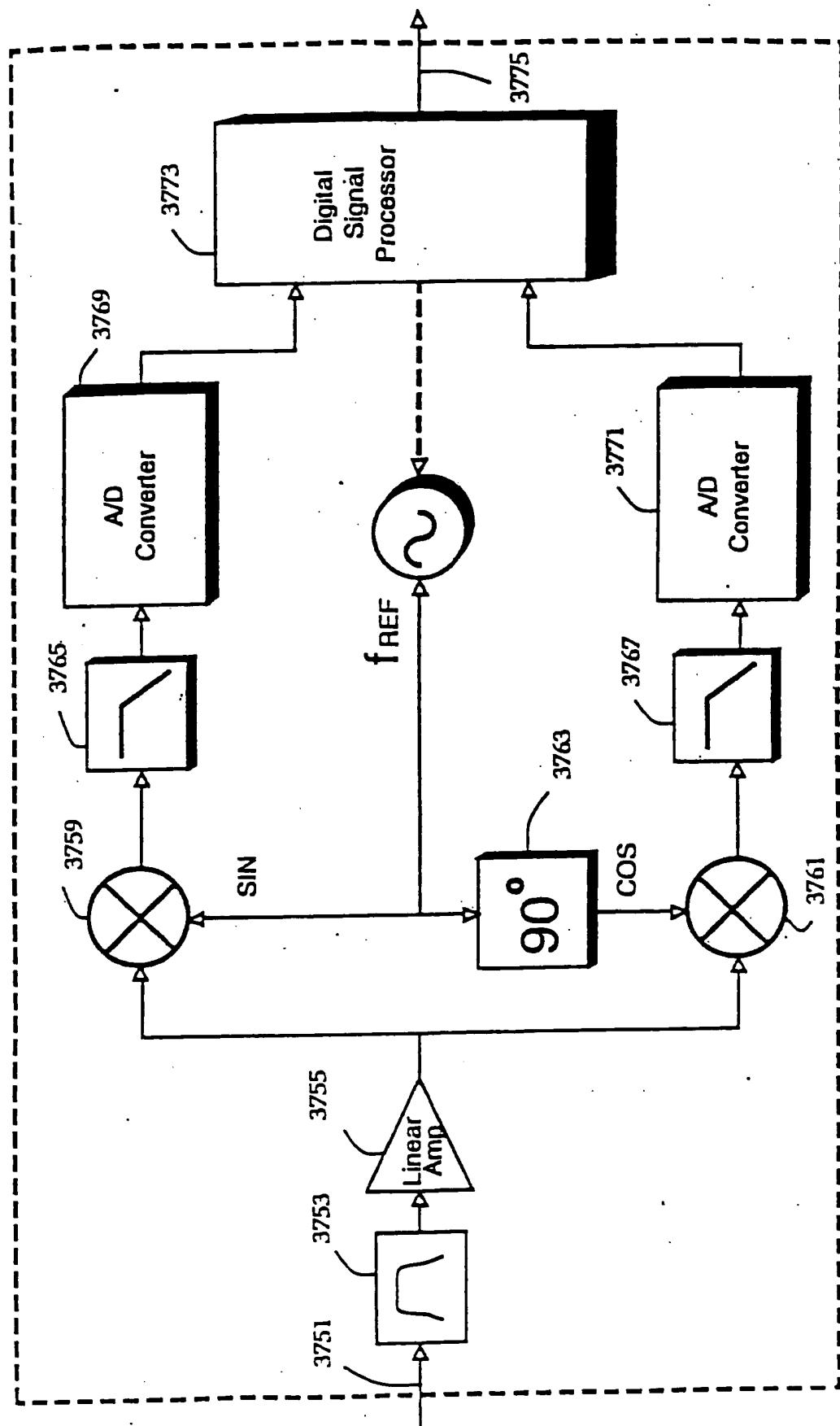


Figure 41

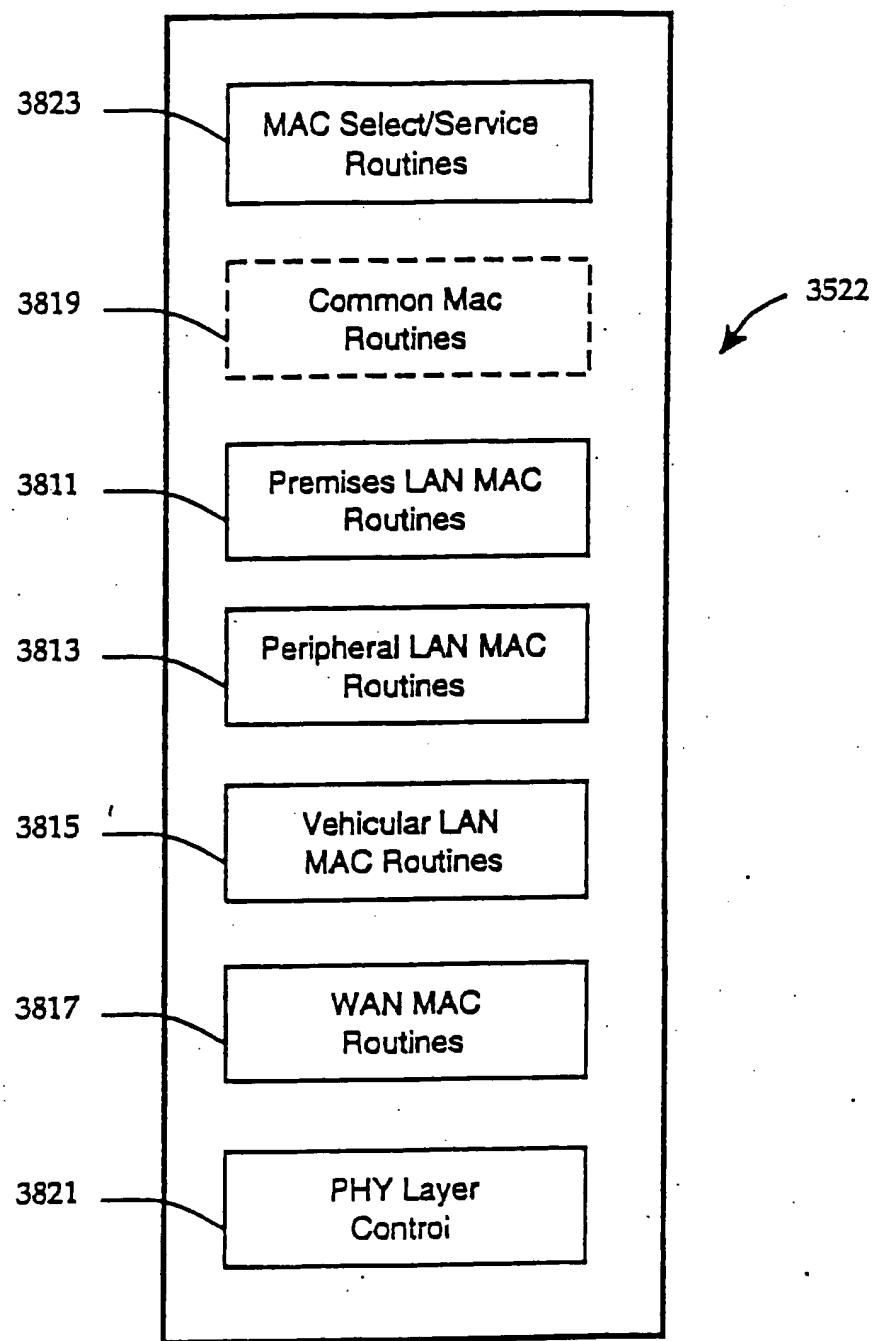


Figure 42

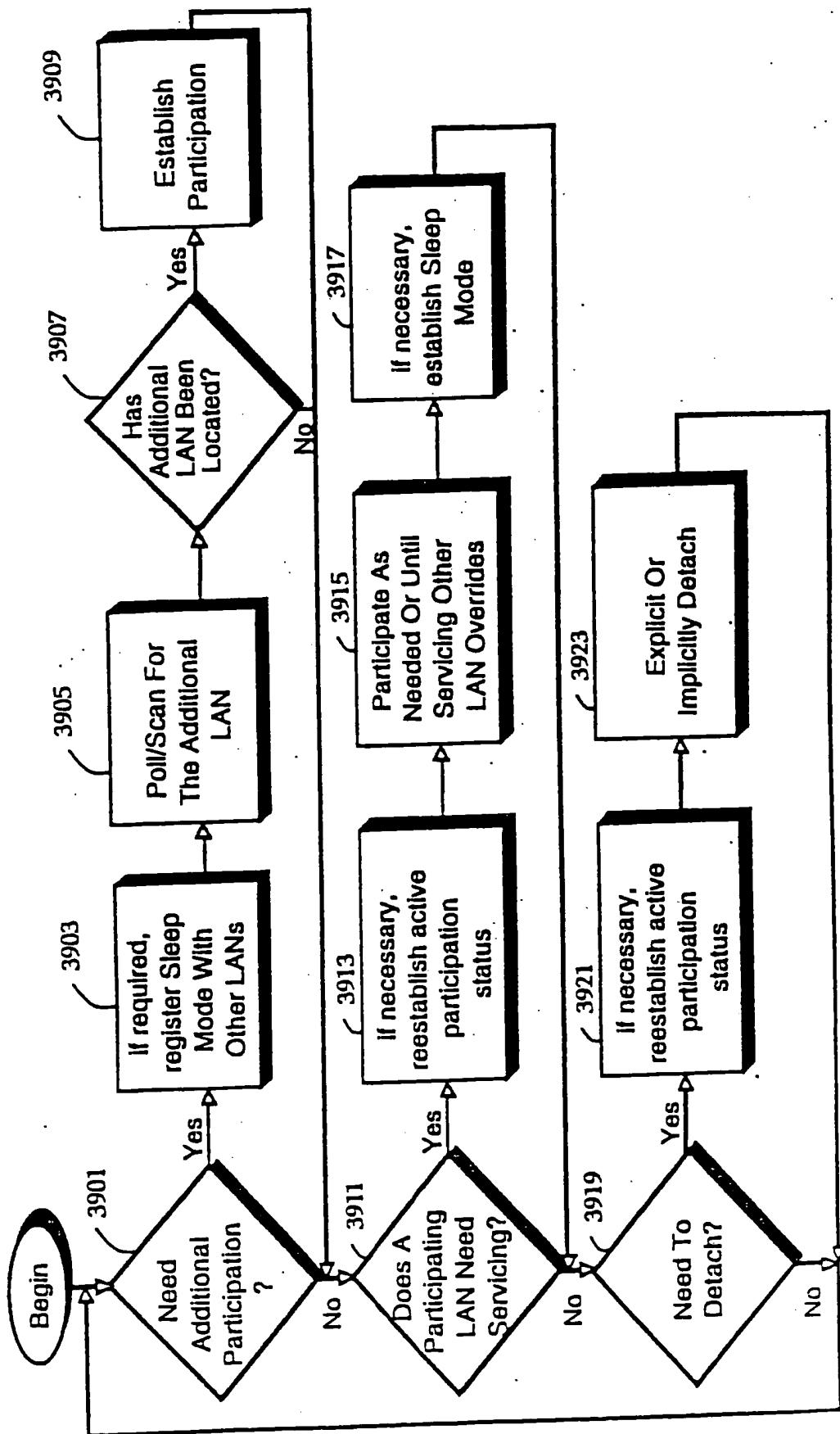


Figure 43

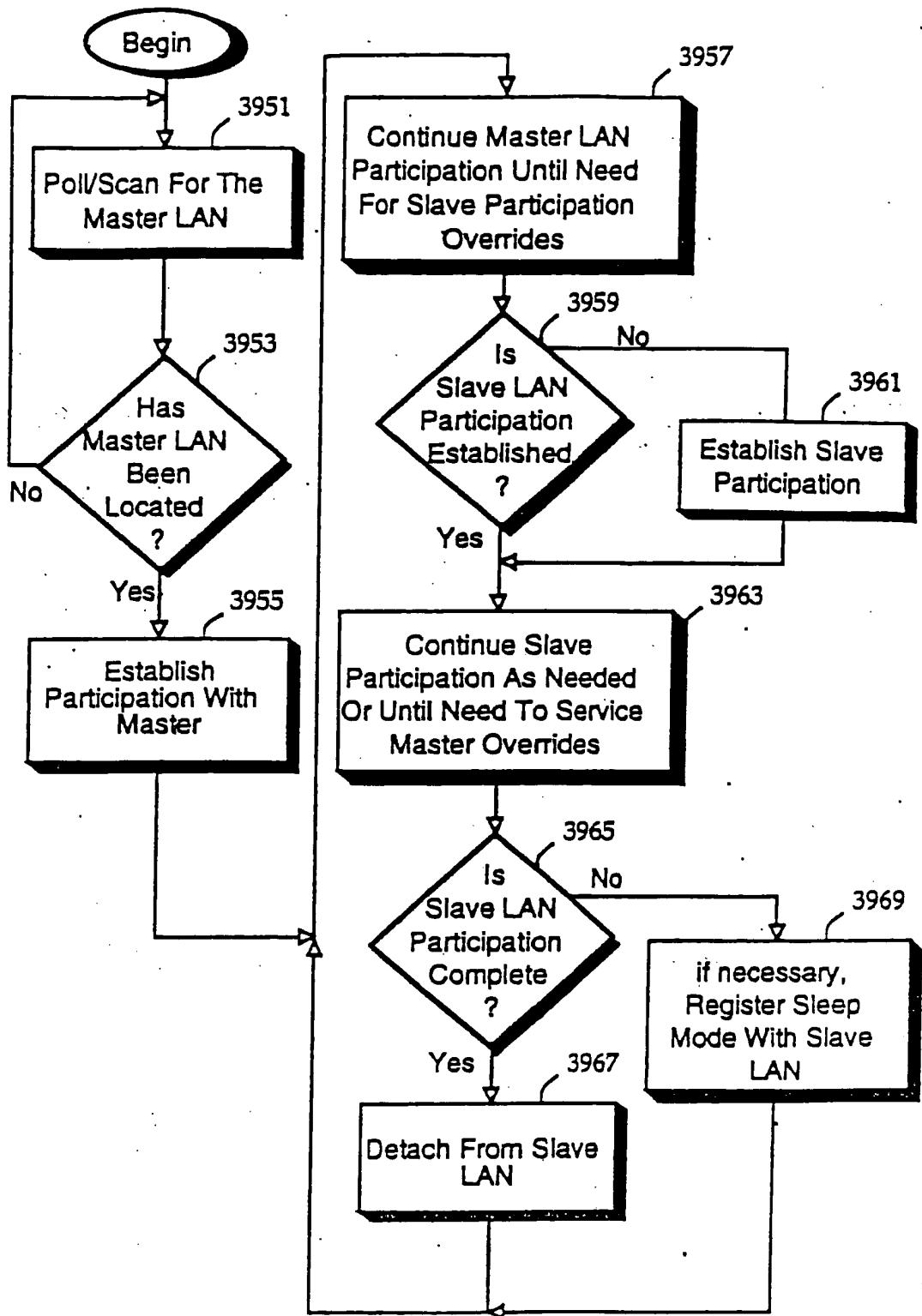
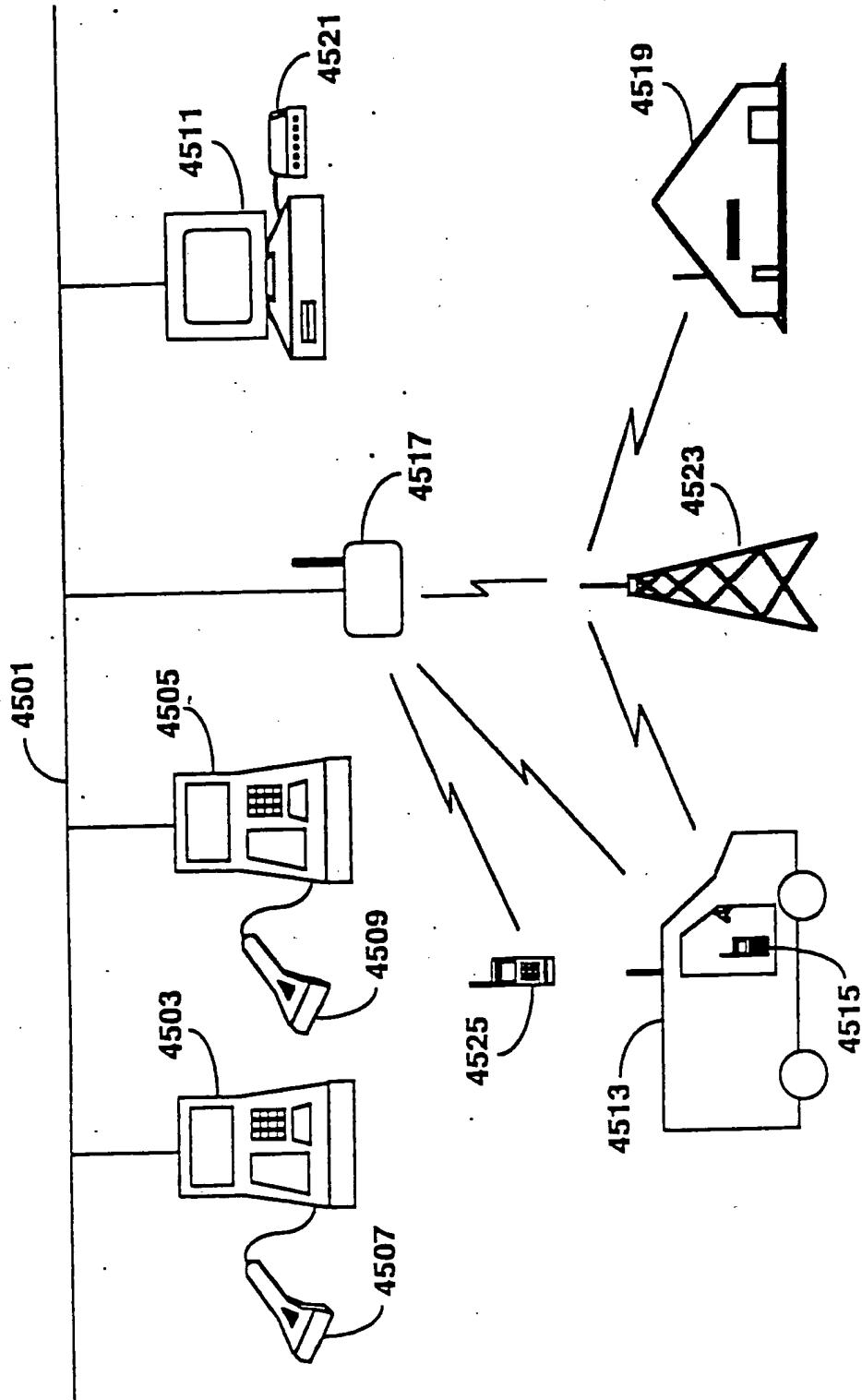
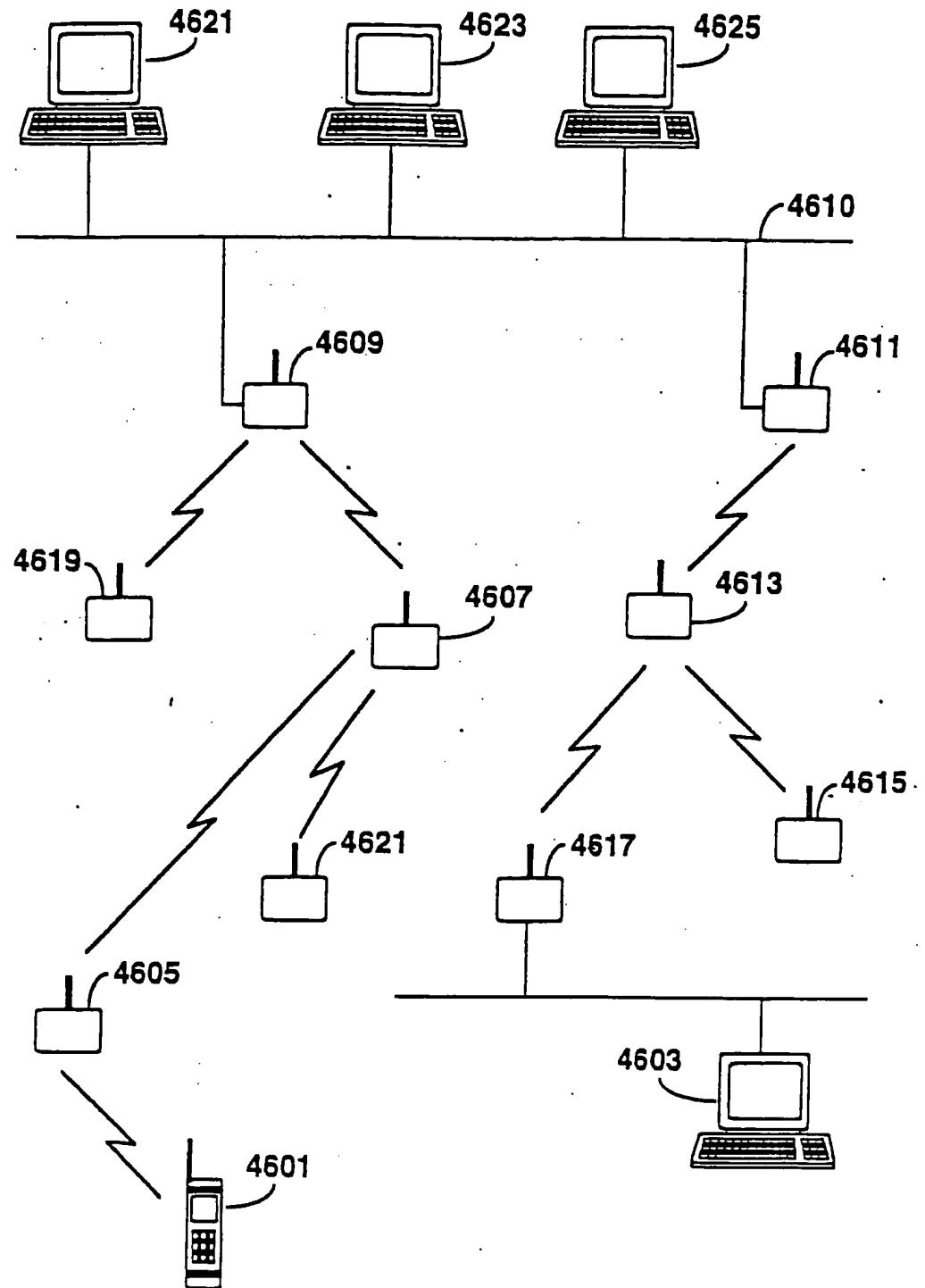


Figure 44

Fig. 45





**Fig. 46a**

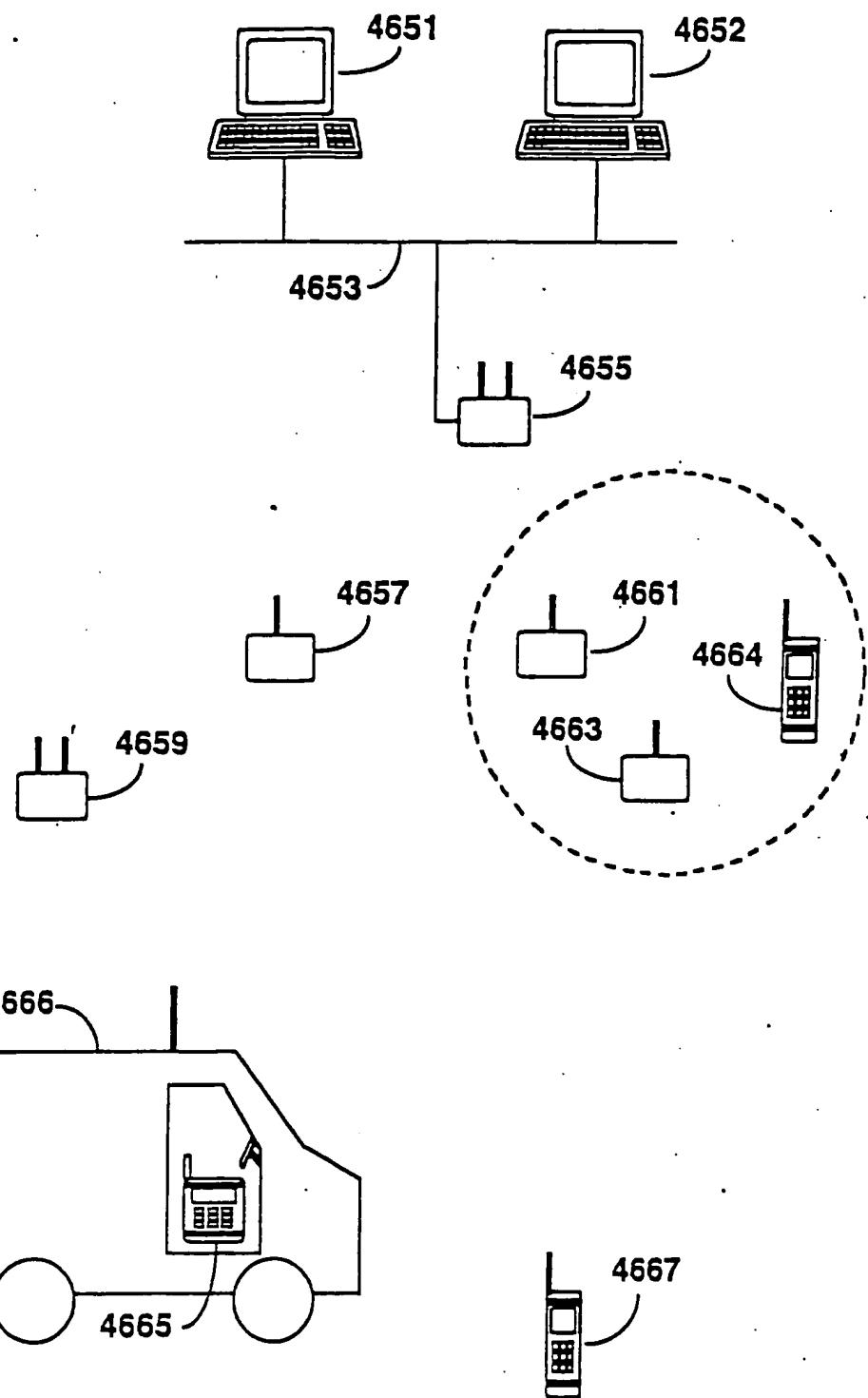


Fig. 46b

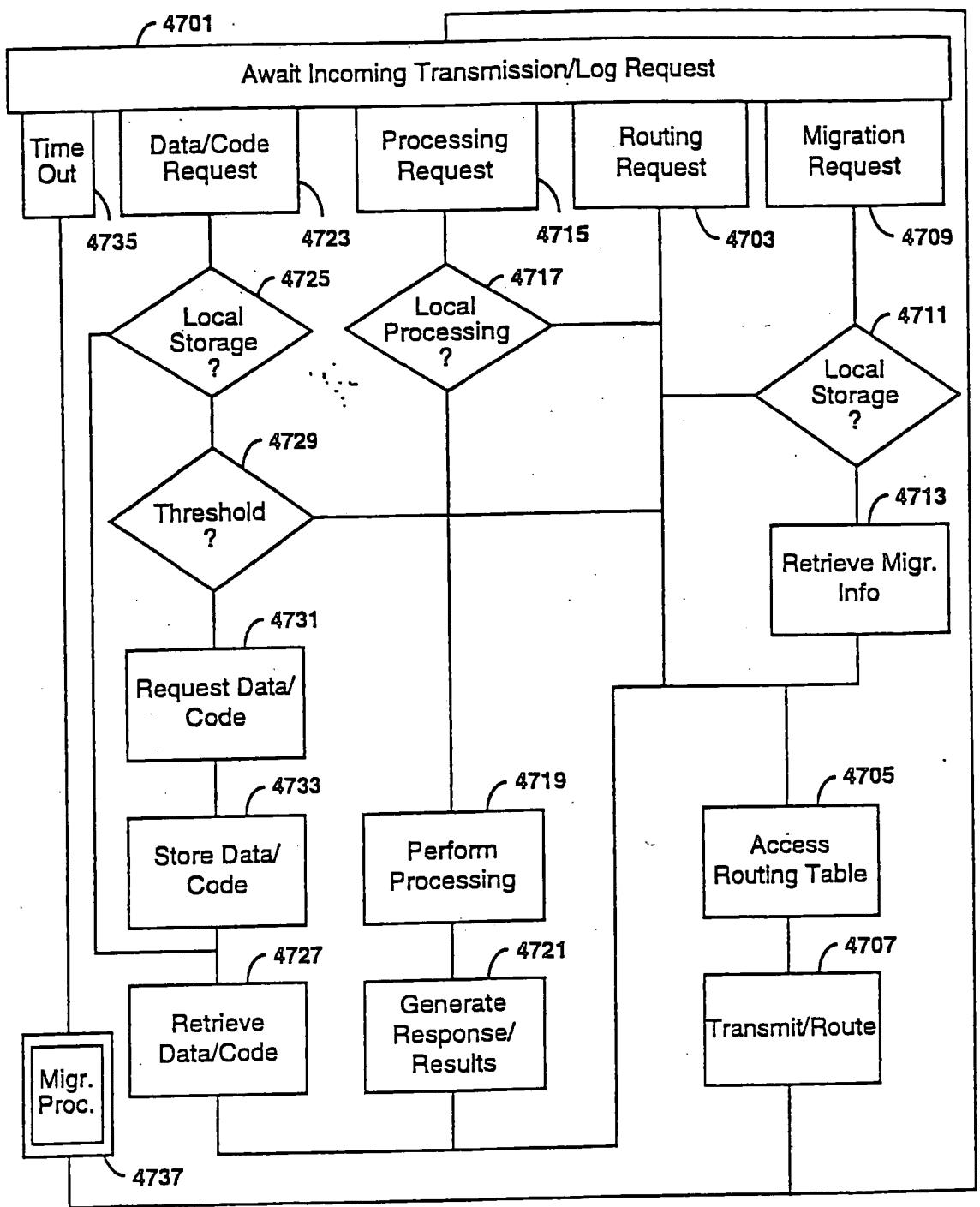


Fig. 47a

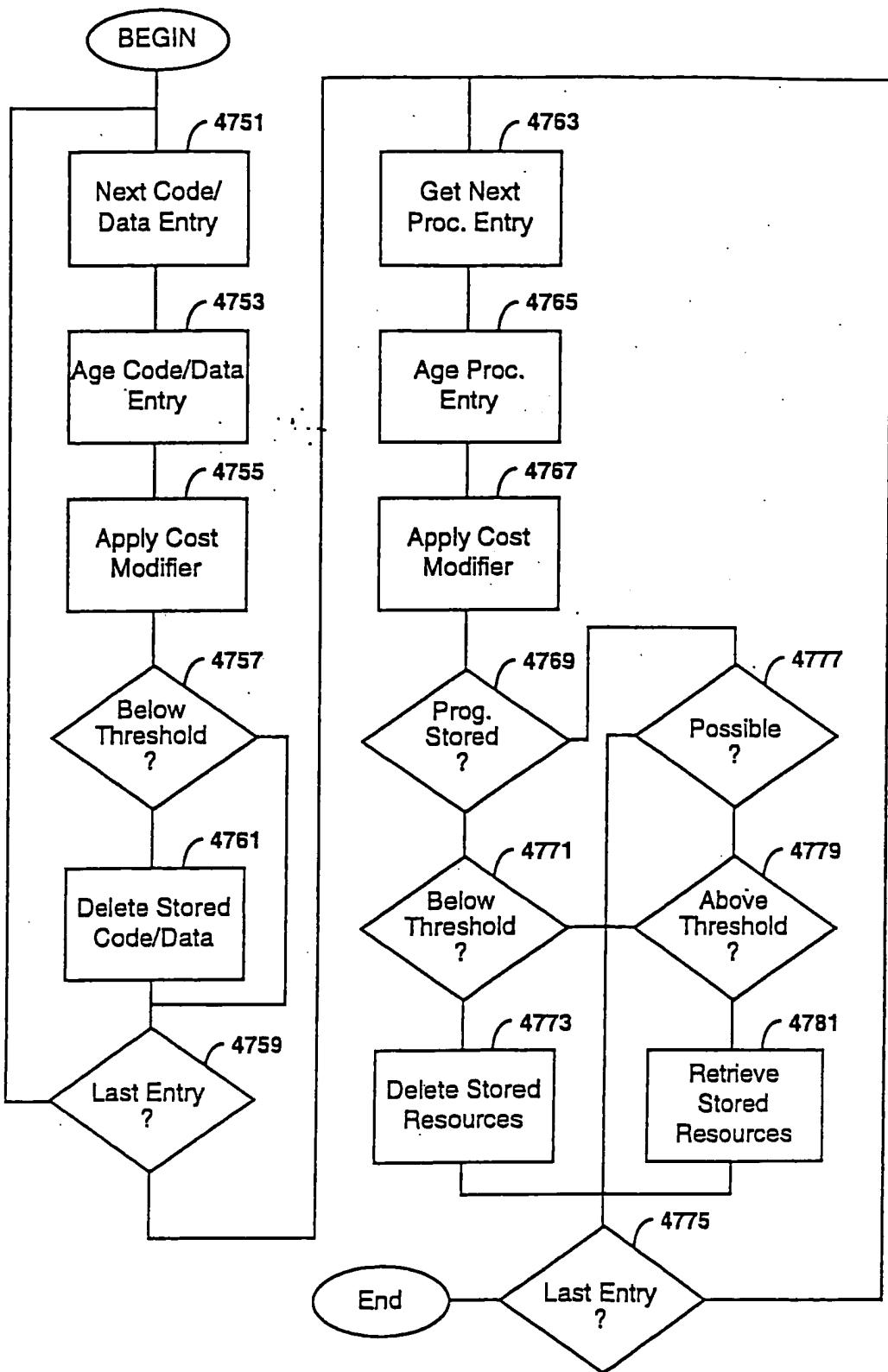
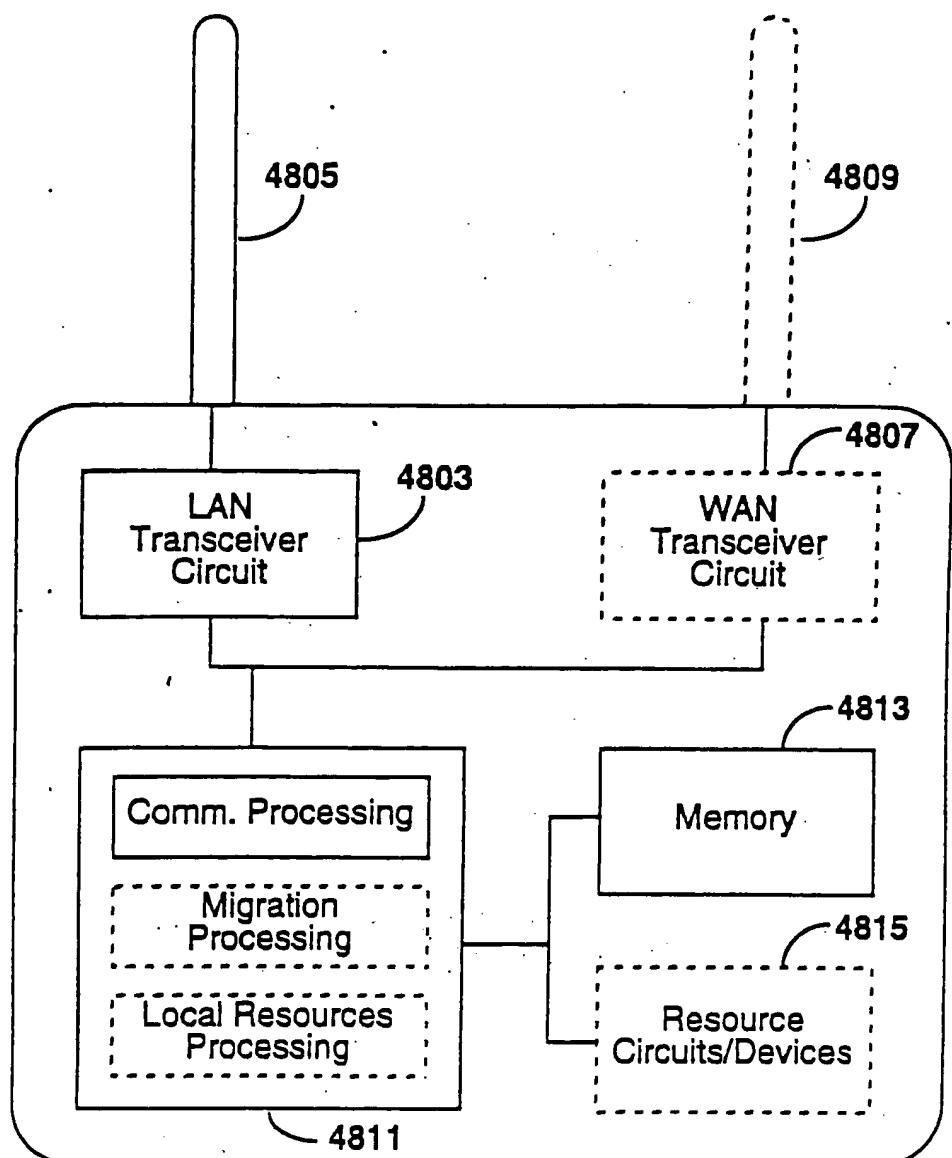


Fig. 47b



**Fig. 48**

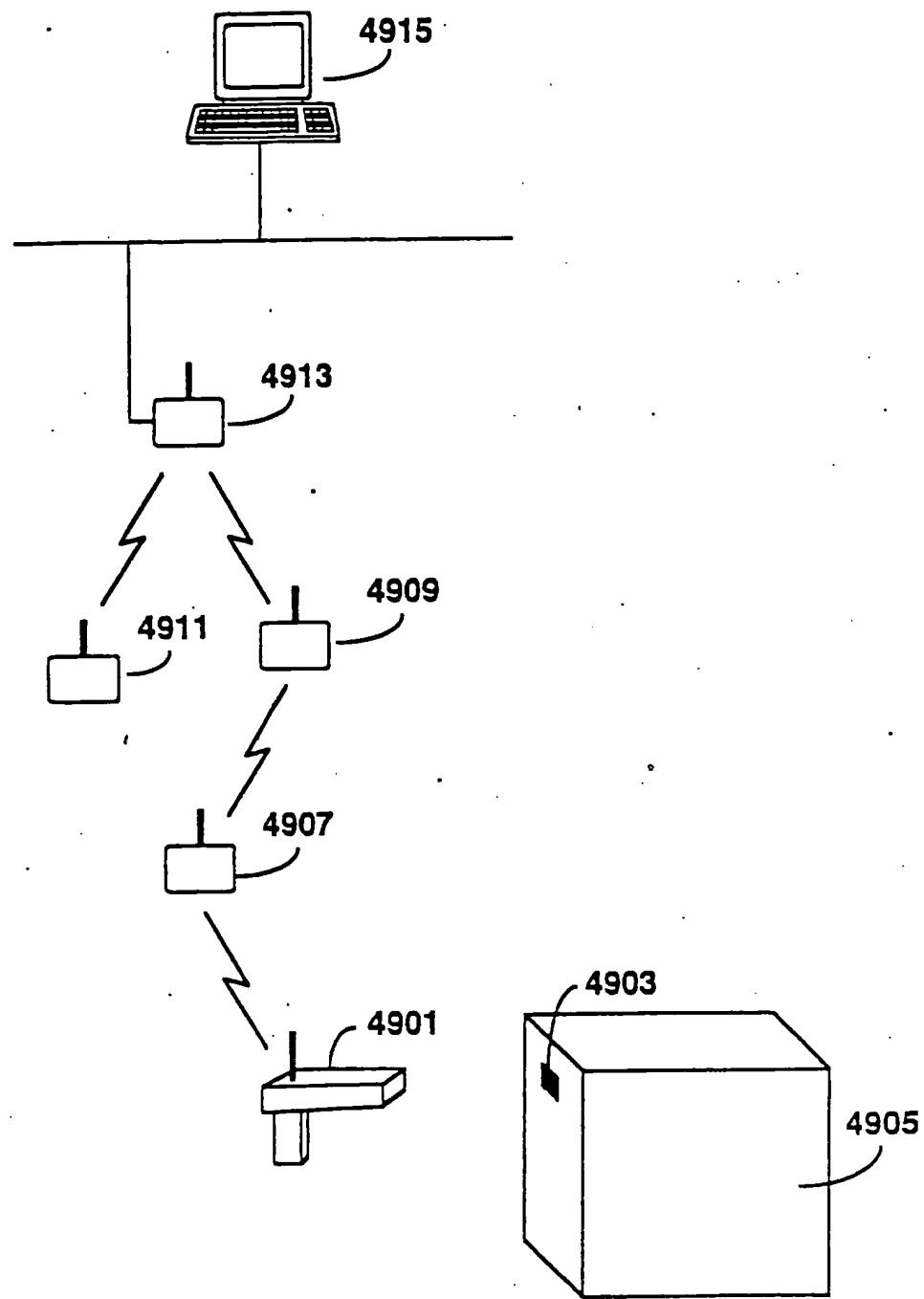
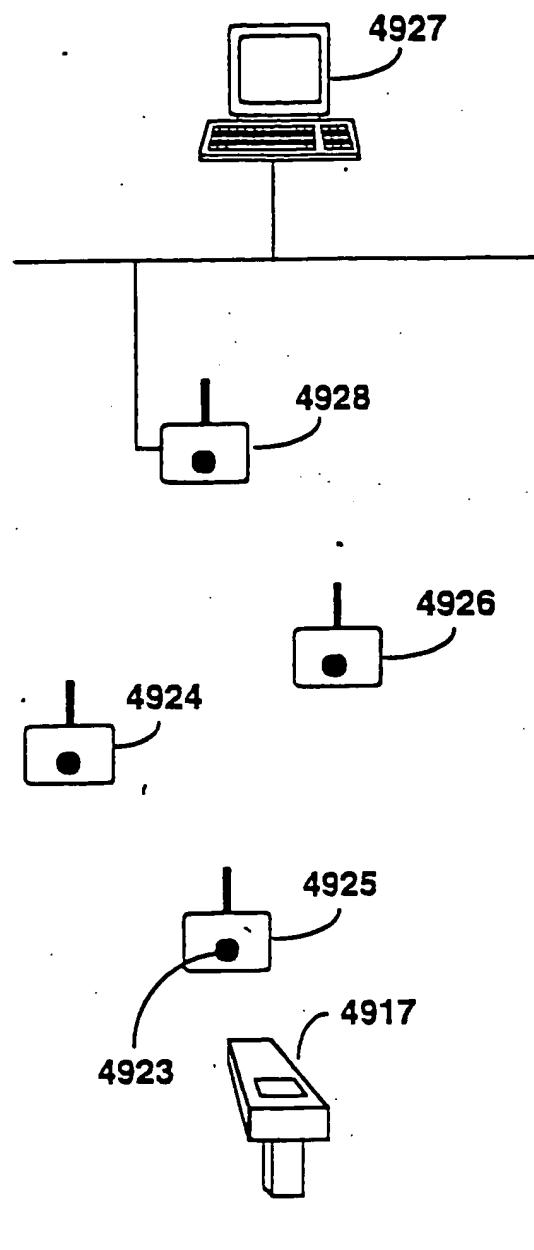
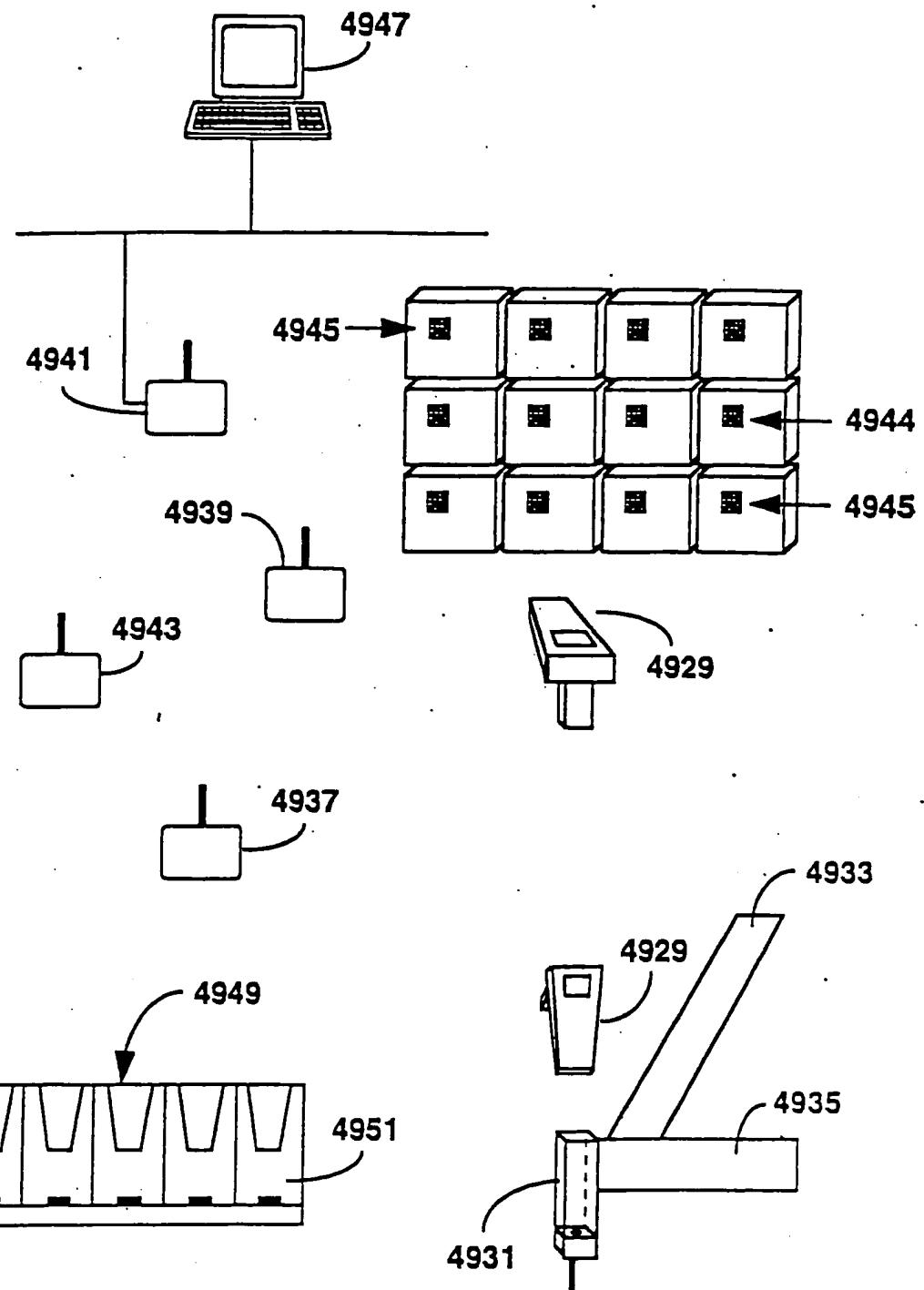


Fig. 49a



**Fig. 49b**



**Fig. 49c**

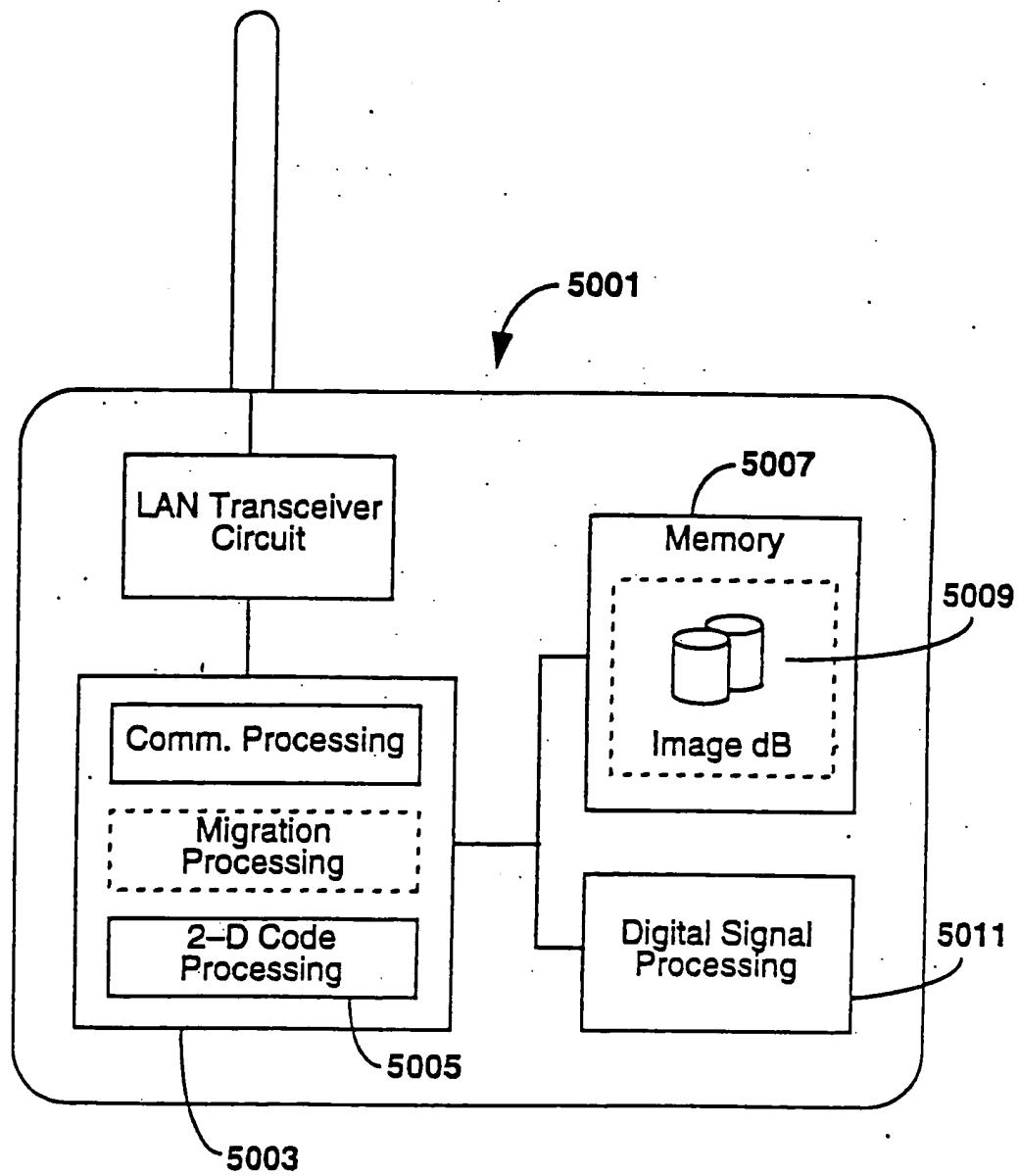


Fig. 50

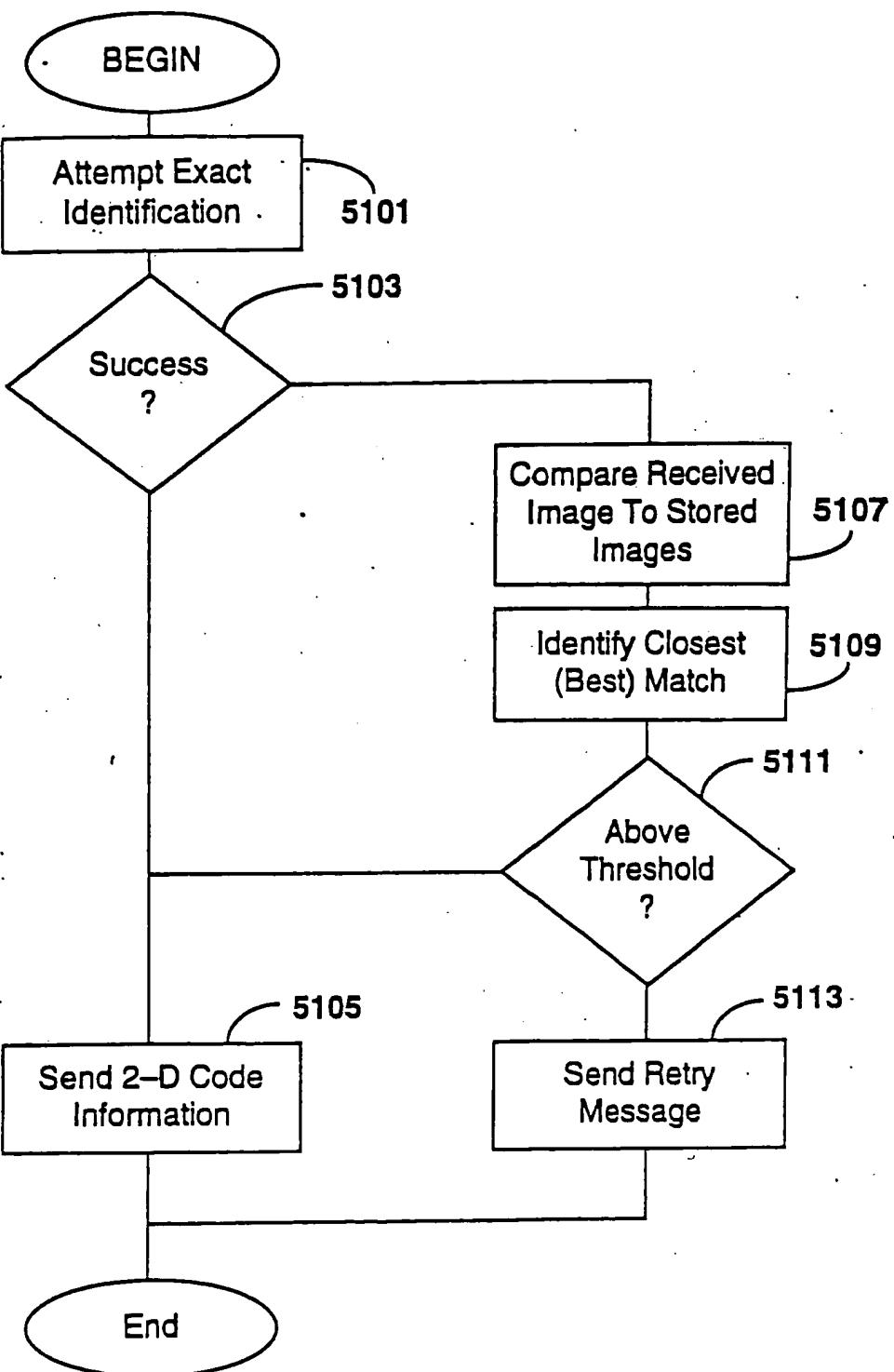


Fig. 51a

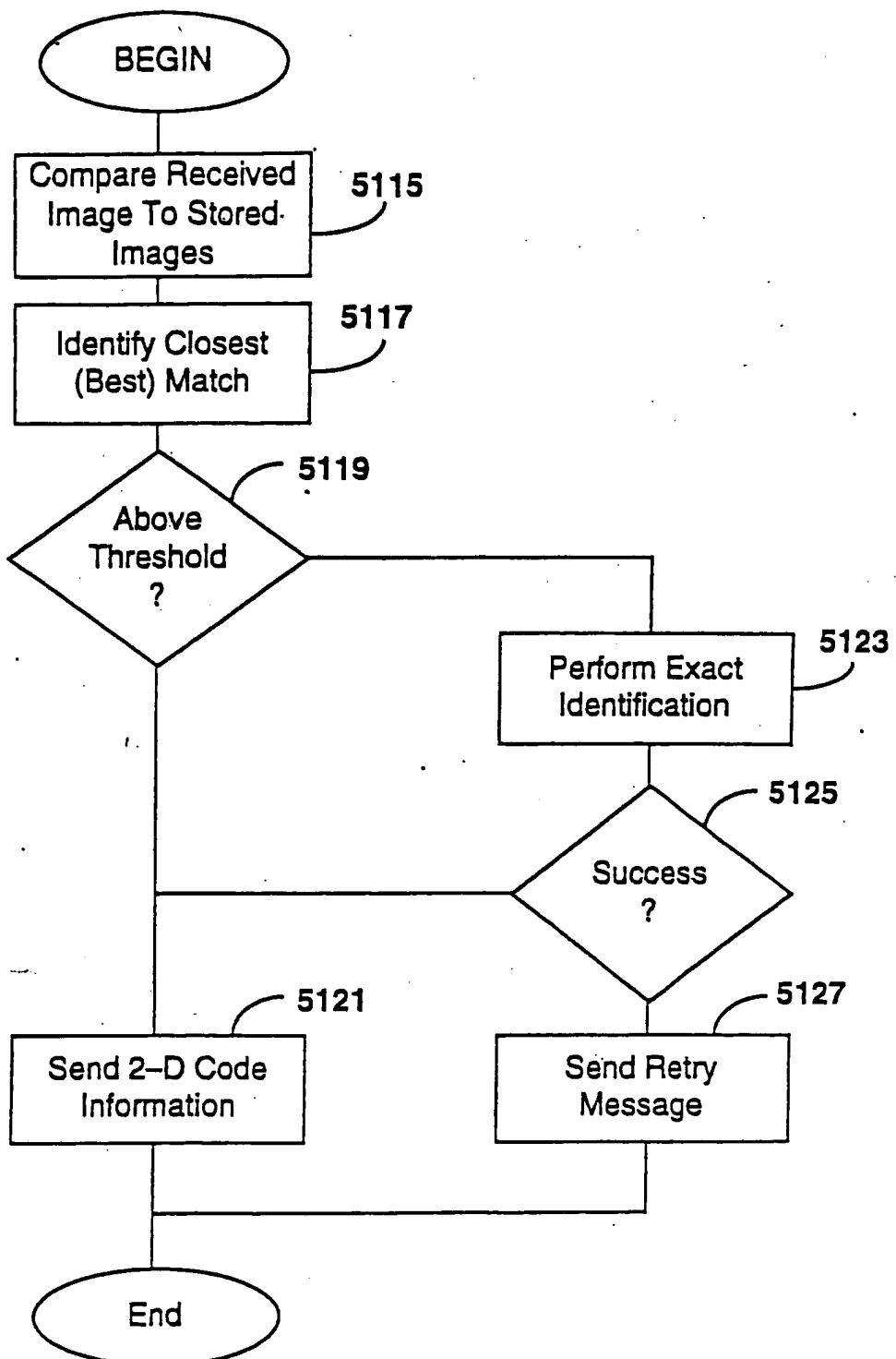
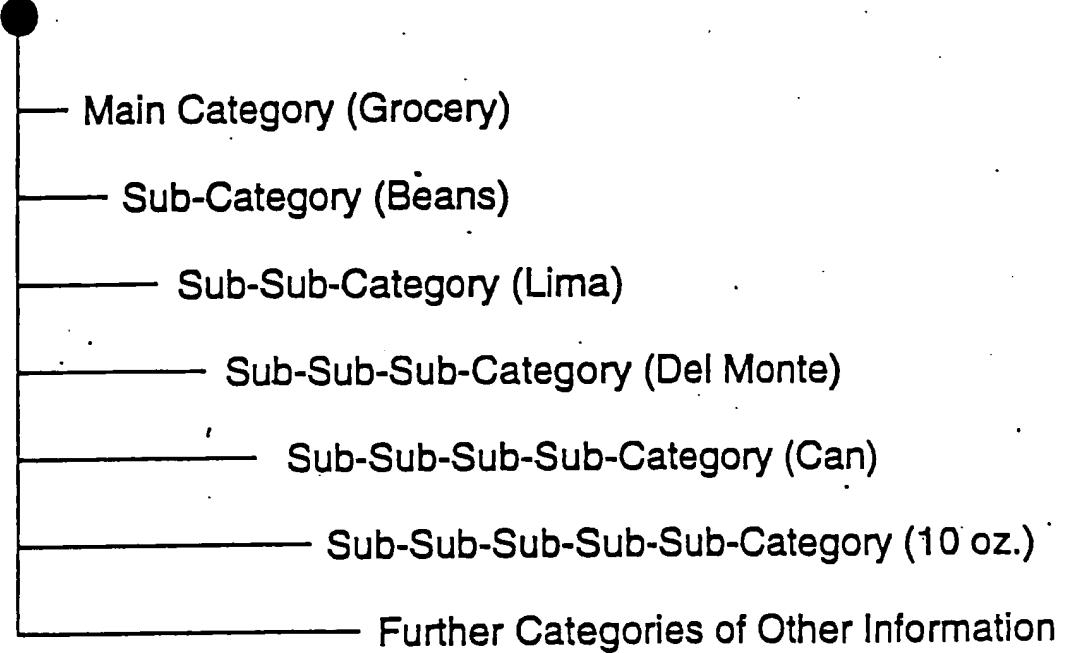


Fig. 51b



**Fig. 52**

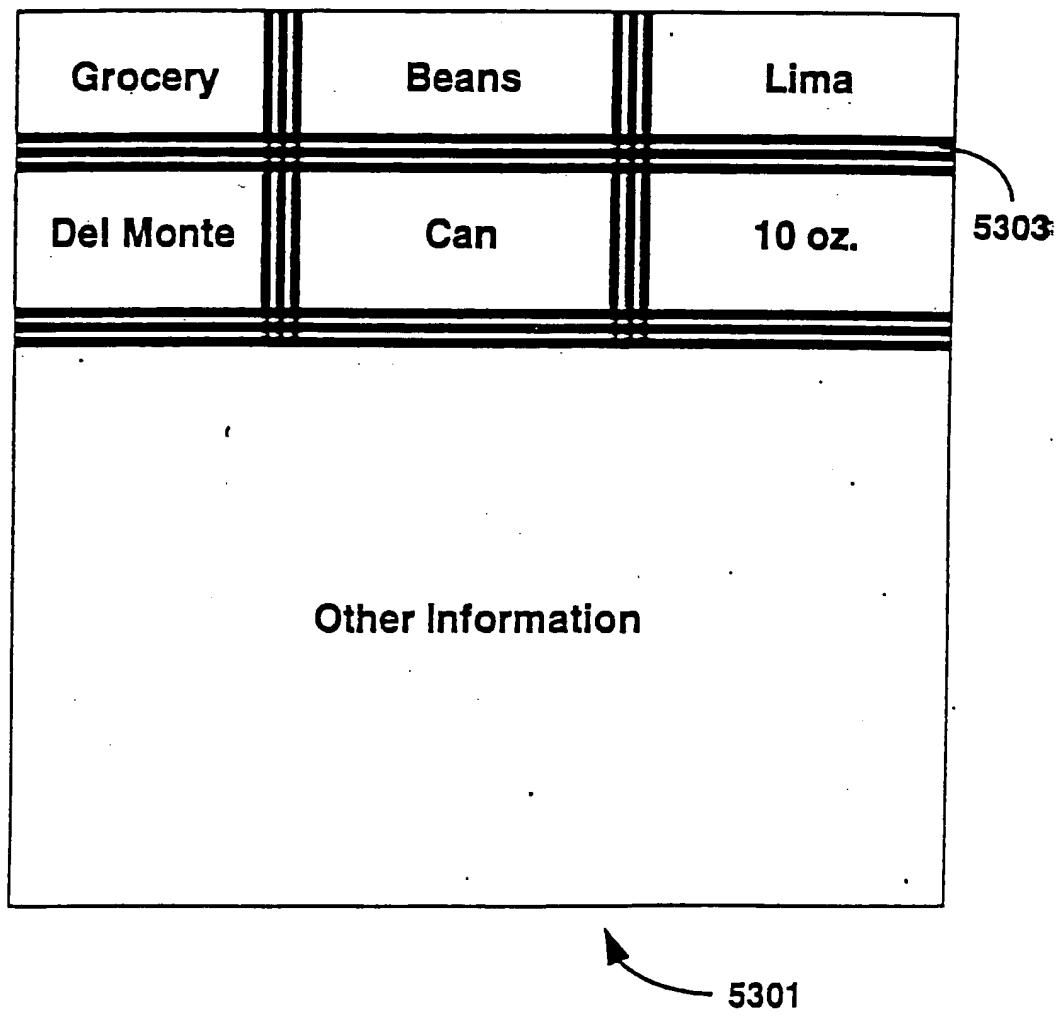


Fig. 53

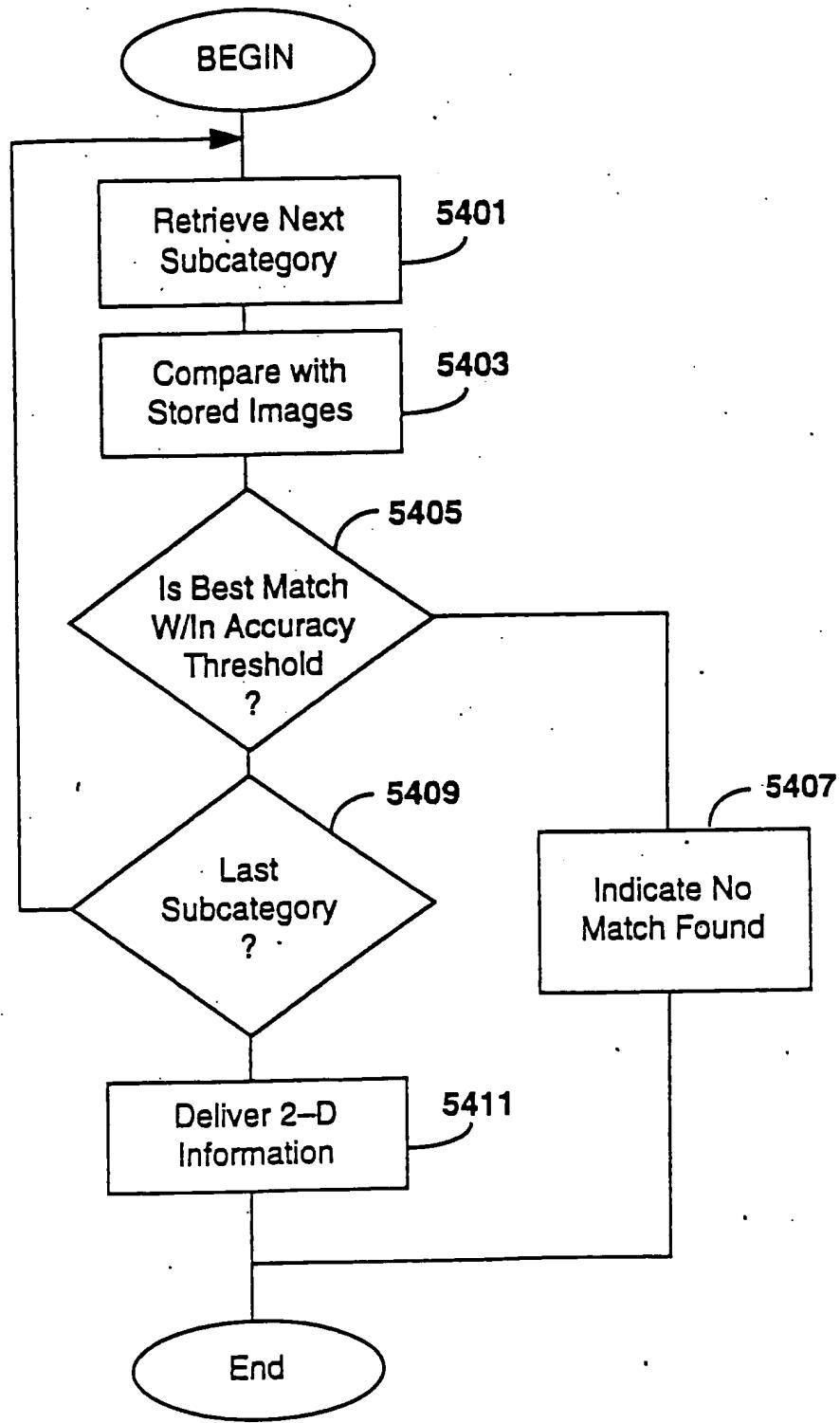


Fig. 54

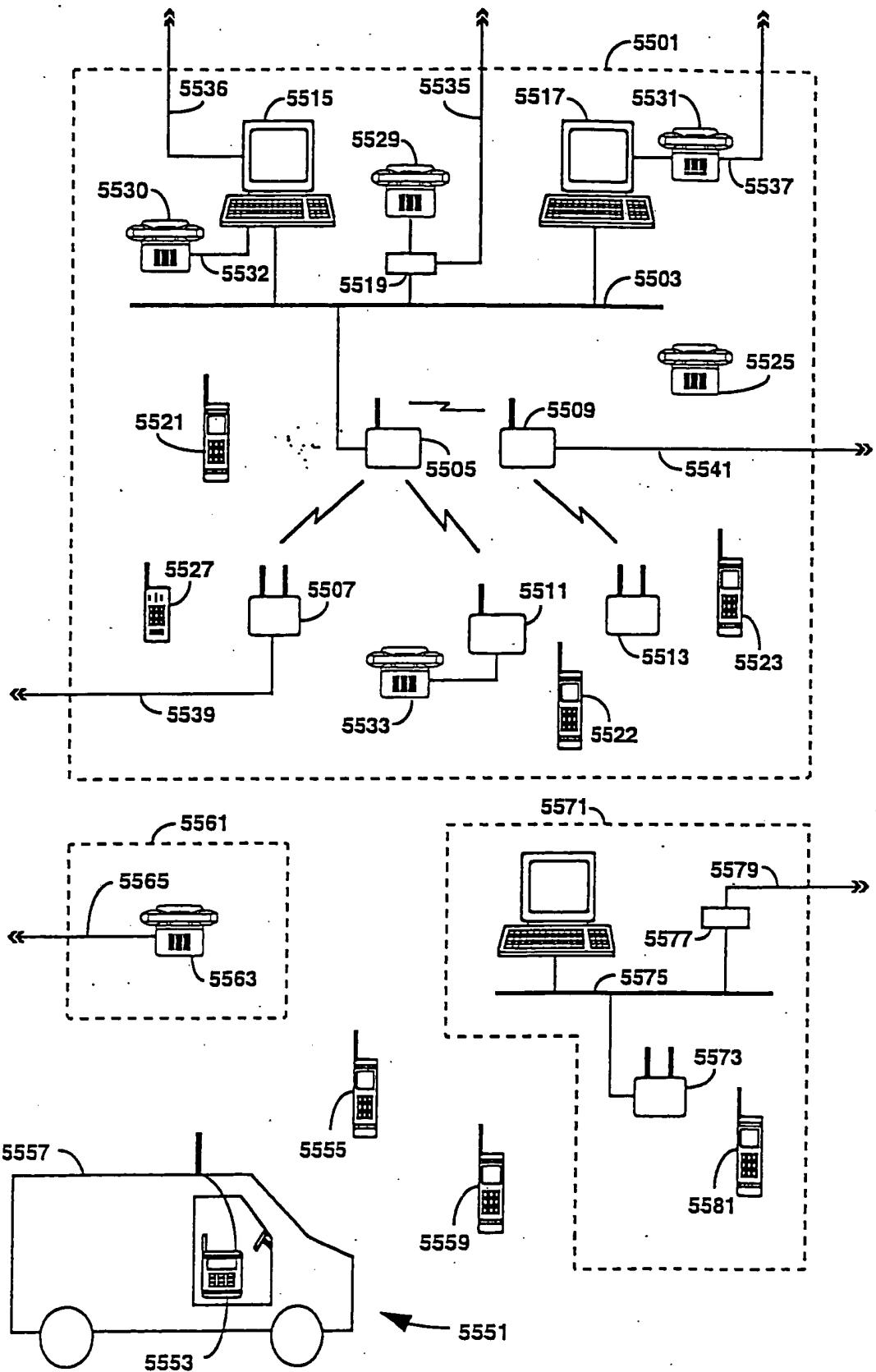


Fig. 55a

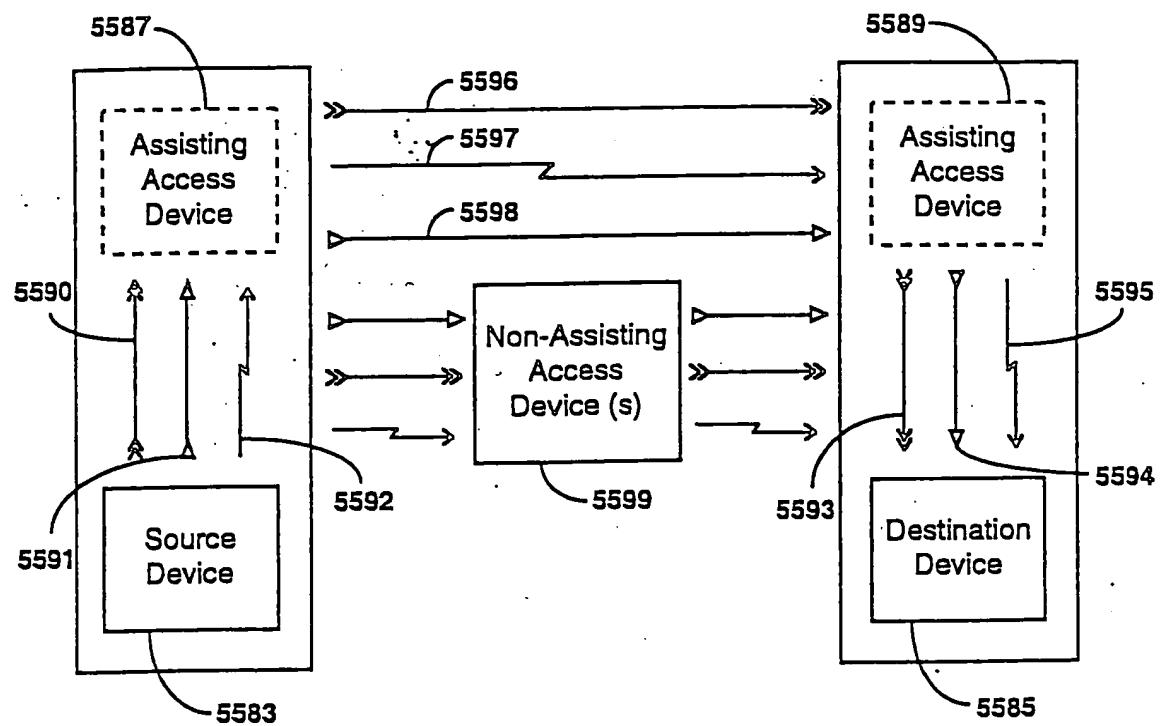


Fig. 55b

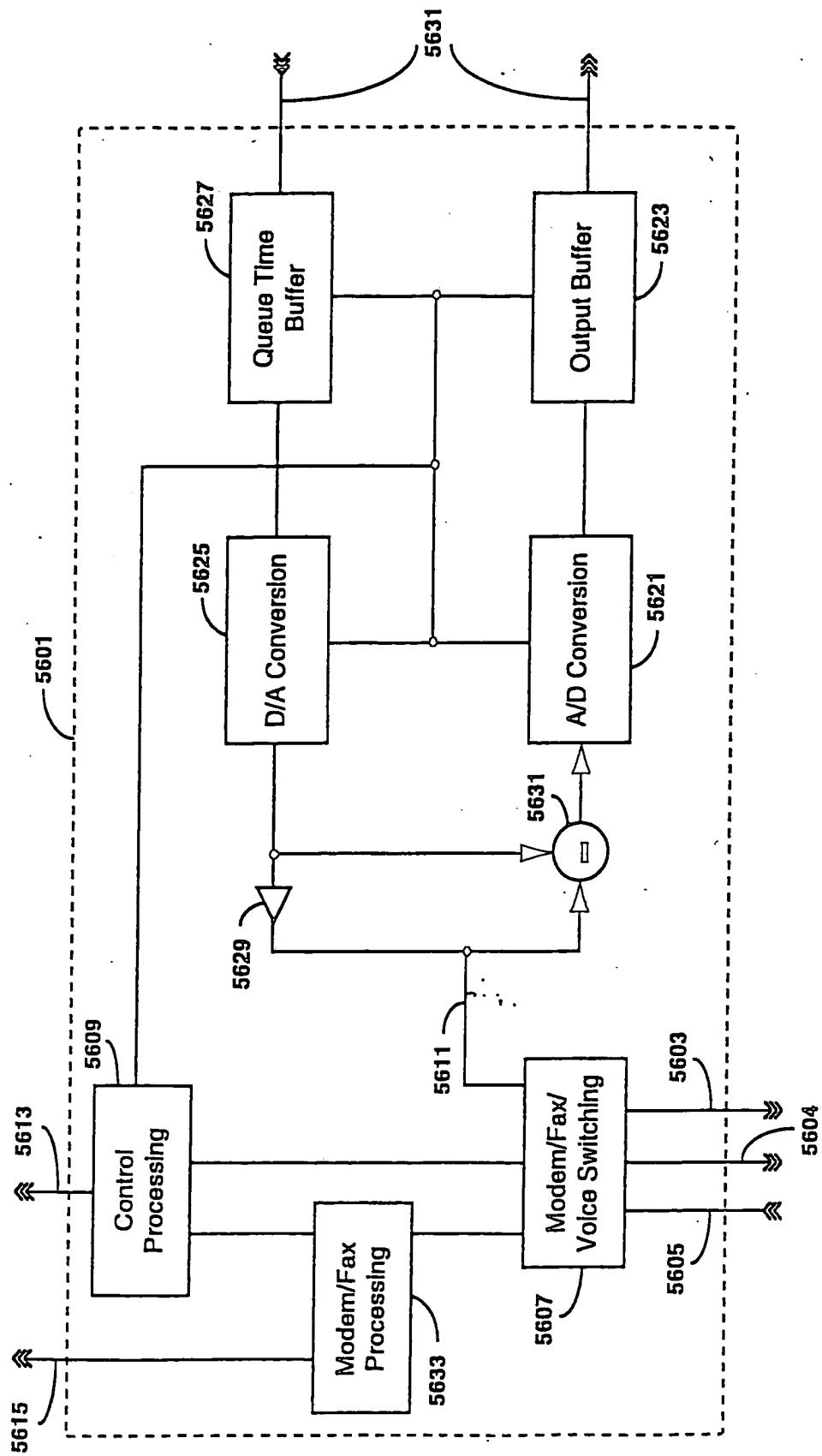


Fig. 56a

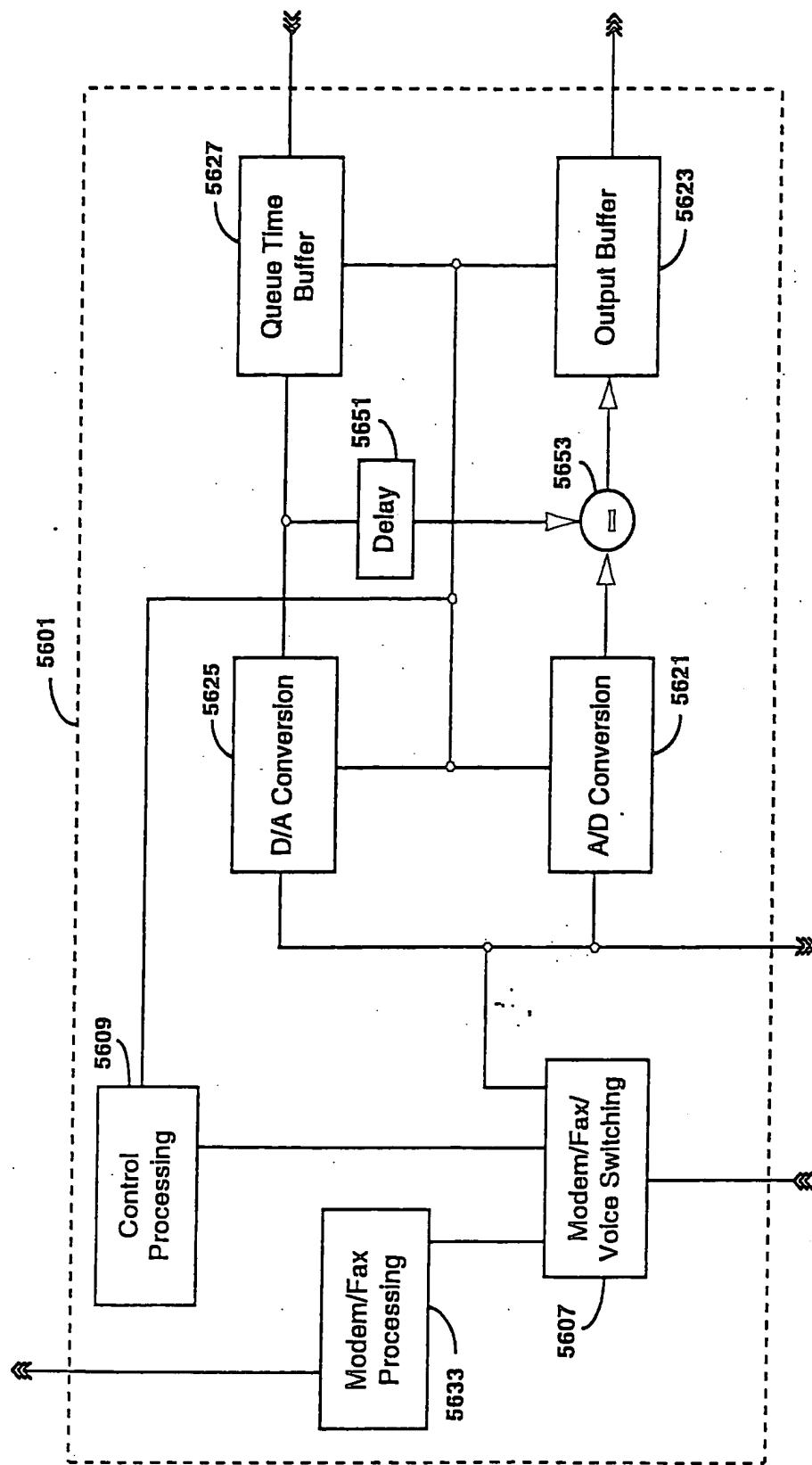


Fig. 56b

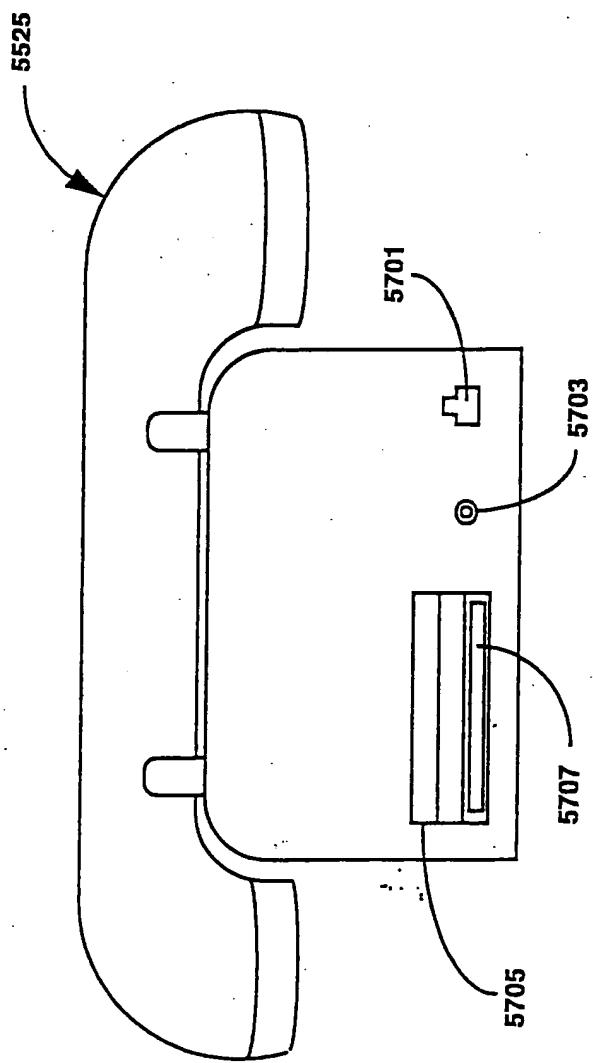
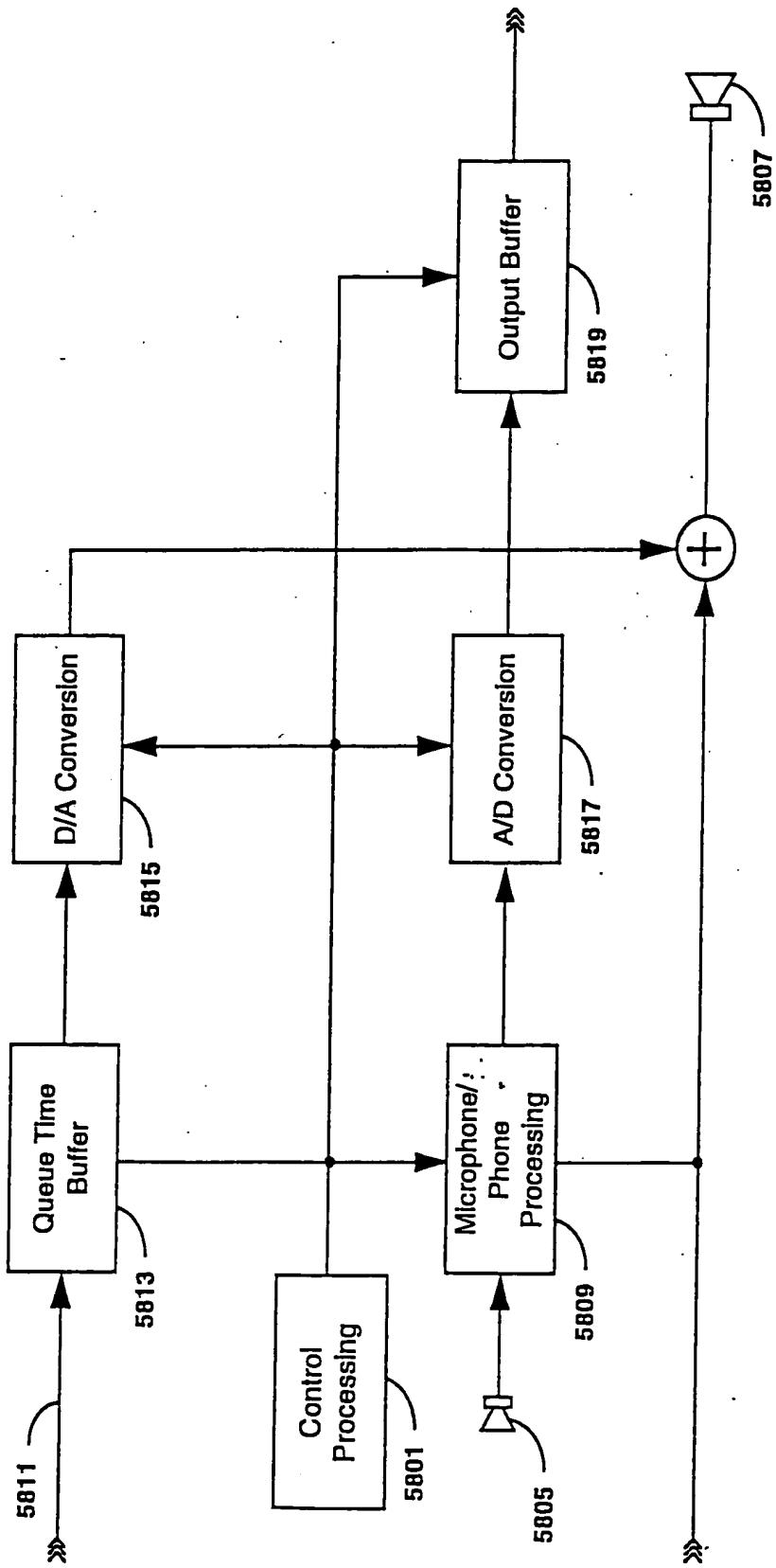


Fig. 57



**Fig. 58**

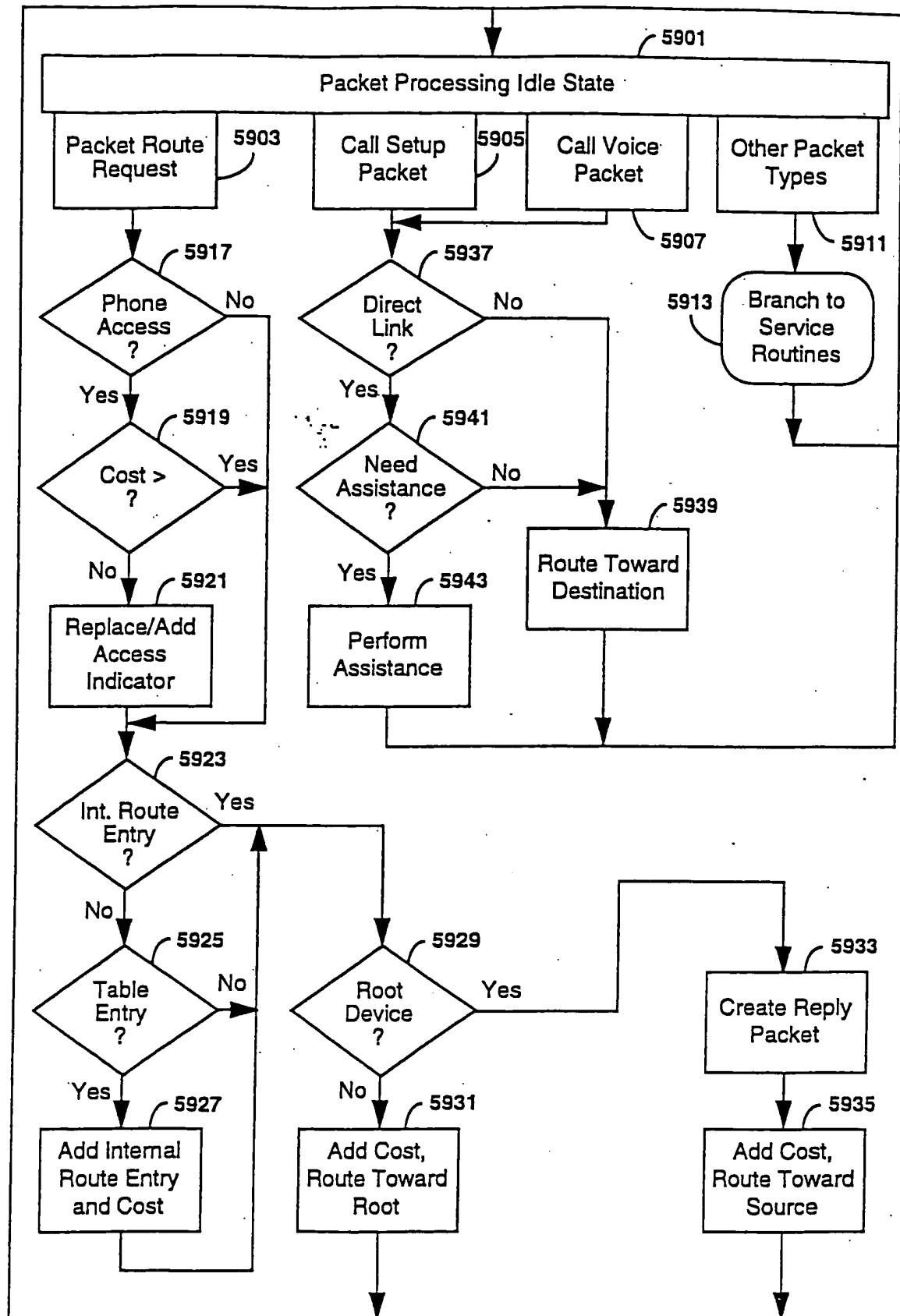


Fig. 59

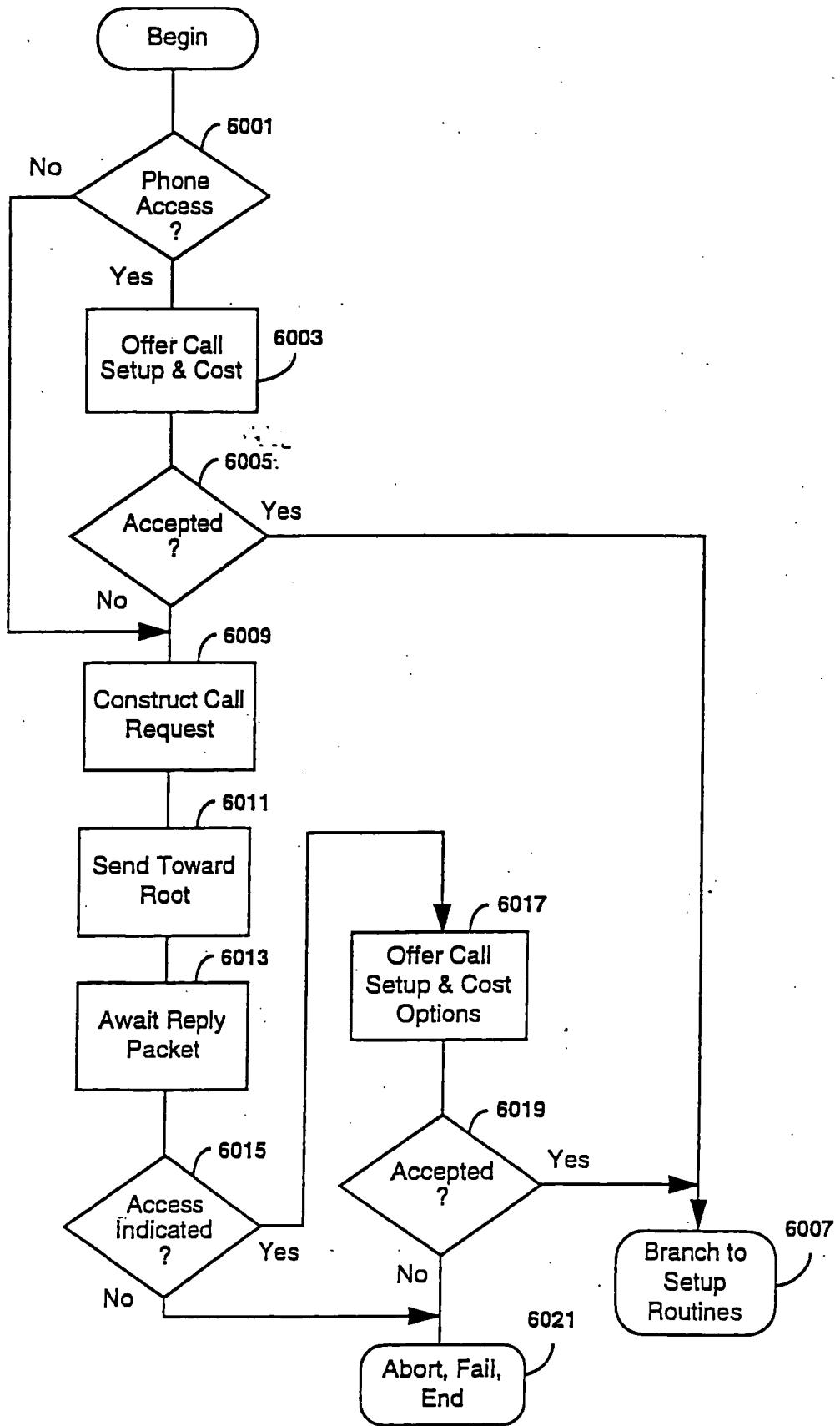


Fig. 60

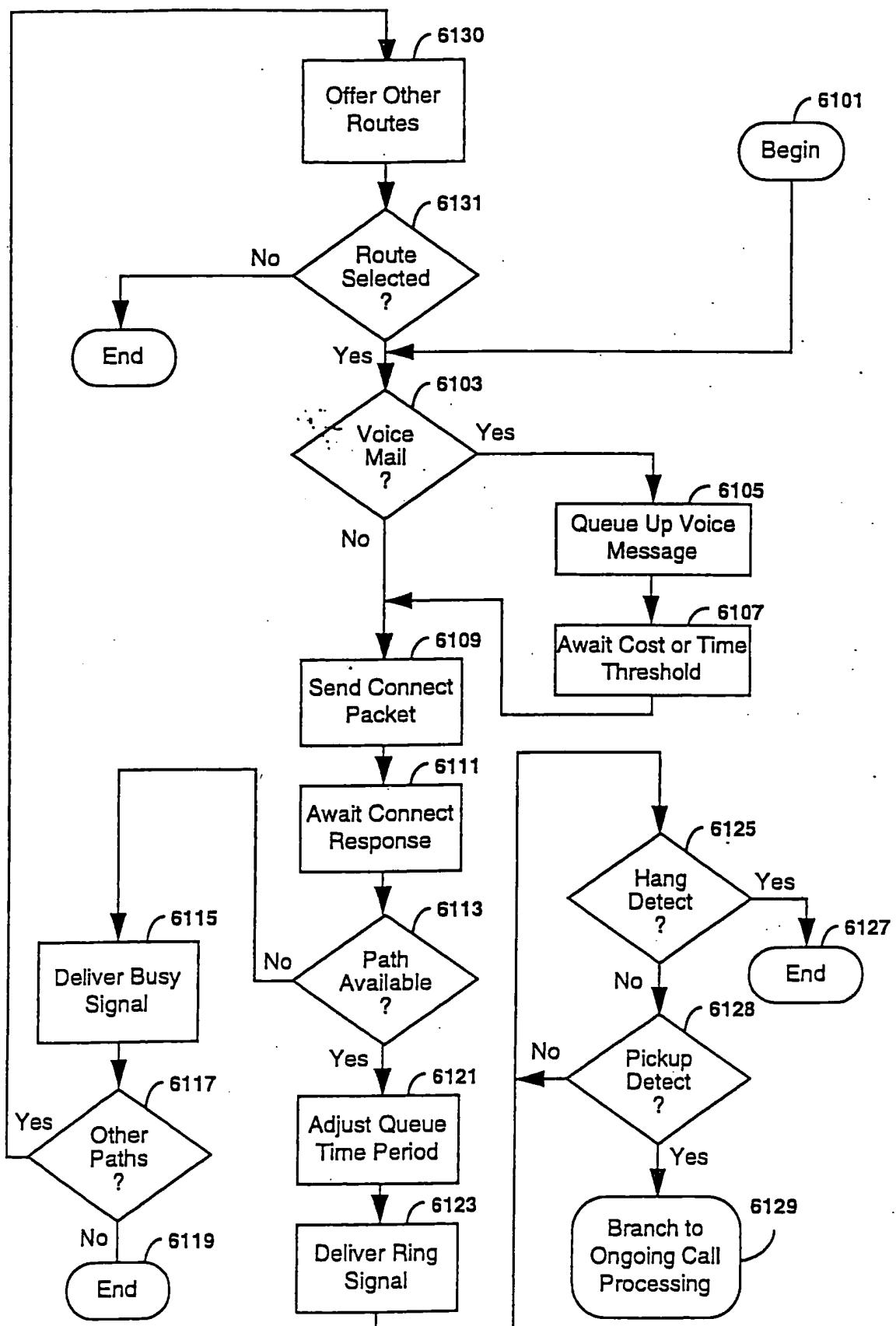
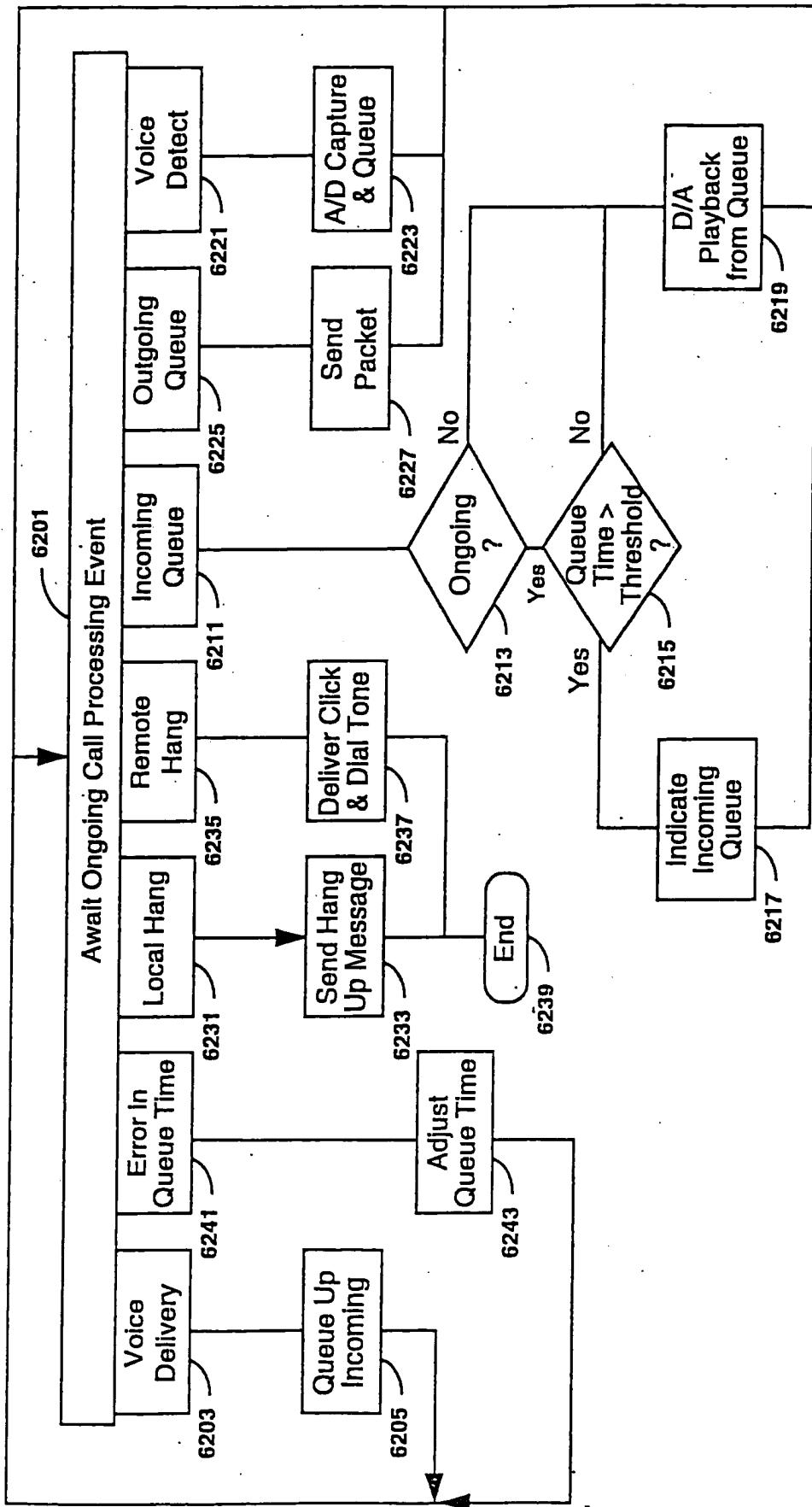


Fig. 61



**Fig. 62**

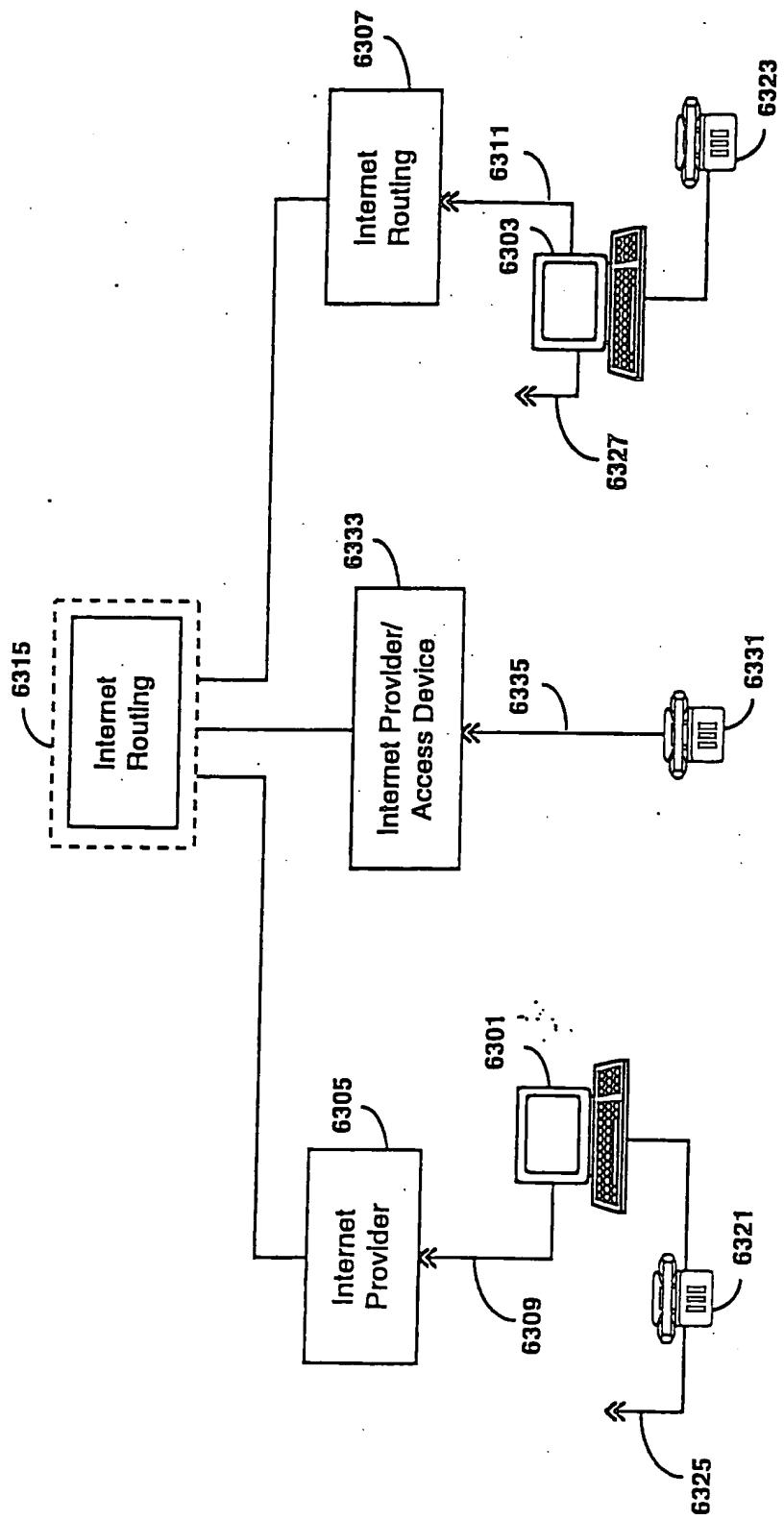


Fig. 63